



SUSTAINABLE PROGRAMS & VOC REGULATED AREAS

REFERENCE
GUIDE

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This tool is furnished only as a guide and is not all-inclusive of available Sherwin-Williams products. It is always recommended that you consult with your Sherwin-Williams Representative before finalizing the selection.



The following industry groups and government agencies have developed or require performance criteria and standards for designing, building and operating sustainable buildings. They have also established their own rules regarding VOC limits for architectural and industrial maintenance coatings. This reference guide is designed to assist you in identifying and selecting Sherwin-Williams products that meet or exceed these standards, depending on the type and location of your project. This list of organizations is for informational purposes only and not intended to imply endorsement of The Sherwin-Williams Company or its products. More information is available on their respective websites, or by contacting them directly.

The products listed in this guide are not all-inclusive of all available Sherwin-Williams products. Compliance information regarding a specific product is accurate at the time of printing. However, since VOC rules and regulations change often and VOC rules may be more stringent than the sustainable program that is being used, it is always recommended that you consult with a Sherwin-Williams Company representative to discuss your specific project before making final product selections.

Leadership in Energy and Environmental Design (LEED®) sustainable building certification program was developed by the U.S. Green Building Council (USGBC) to provide a consistent, credible set of standards for environmentally sustainable construction. The certification program consists of several different rating systems that each have their own project requirements for LEED certification, depending on the project or building type, such as schools, homes, healthcare facilities, or commercial interiors. Project requirements are divided into categories, allotting a certain number of credits that a project can “earn” in each category to satisfy green building requirements. For instance, “Materials & Resources” credits encourage using sustainable building materials and reducing waste, and the “Indoor Environmental Quality” credits promote better indoor air quality. The total number of credits earned in all categories determines a project’s level of LEED certification.

This reference guide includes several LEED Rating Systems and lists the Sherwin-Williams products that contribute toward satisfying LEED’s criteria under IEQ & EQ Low Emitting Materials credit category under each system and others. Products are not reviewed or certified under LEED. LEED credit requirements cover the performance of materials in aggregate, not the performance of individual products or brands. For more information on LEED, visit www.usgbc.org/contact.

Review the LEED Rating Systems included in this guide and then consult with a Sherwin-Williams Company Representative to ensure the most appropriate product selections for your next LEED®-registered project.

The Green Globes online assessment and rating system is used in Canada and the USA. In the USA, Green Globes is operated by the Green Building Initiative (GBI). The Green Globes system uses an online questionnaire-based approach. Once the questionnaire has been completed, a report is automatically generated, which provides ratings, a list of achievements as well as recommendations. Green Globes serves as a virtual consultant, providing instant feedback on the environmental aspects of a structure’s design along with advice and resources for improvements. Certification is achieved by undergoing third-party verification by trained regional verifiers. To receive a final rating of one, two, three or four globes, the data submitted online must be verified by a trained and licensed engineer or architect with significant experience in building sciences and sustainability. For more information, visit: www.thegbi.org.



The GREENGUARD Environmental Institute (GEI): The GREENGUARD Environmental Institute (GEI) strives to protect human health and quality of life by establishing standards and certification programs to reduce exposure to chemicals and to improve indoor air quality. GREENGUARD Certified products are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit: spot.ul.com

UL GREENGUARD standards for Building Materials, Finishes and Furnishings is a nationally recognized voluntary standard that establishes requirements for qualifying paints and coatings as certified low-emitting products for indoor environments. Emission criteria are established for total VOC (TVOC), formaldehyde, total aldehydes, all individual chemicals with currently published Threshold Limit Values (TLVs), respirable particles and certain odorants and irritants. In addition, all products are screened and reported for carcinogens and reproductive toxins as listed by key government and regulatory programs. This reference guide also includes Sherwin-Williams products that have undergone UL GREENGUARD's rigorous testing and achieved certification under both the GREENGUARD certification and the UL GREENGUARD Gold Standards. Further information and copies of certifications for Sherwin-Williams products can be obtained by visiting: spot.ul.com

Collaborative for High Performance Schools (CHPS): The mission of the Collaborative for High Performance Schools is to facilitate the design, construction and operation of high performance schools: environments that are not only energy and resource efficient, but also healthy, comfortable, well lit, and containing the amenities for a quality education. CHPS helps facilitate and inspire change in our educational system. The goals of CHPS are to: Increase student performance with better-designed and healthier facilities, Raise awareness of the impact and advantages of high performance schools, Provide professionals with better tools to facilitate effective design, construction and maintenance of high performance schools, Increase school energy and resource efficiency, and Reduce peak electric loads.

California Department of Public Health Released in 2004 and updated in 2010 & 2017, the CDPH Standard Method v1.2-2017 is a revised and expanded standard based on the California Specification 01350. Materials are prepared according to standard usage instructions and conditioned for 10 days prior to chamber testing. The samples are then introduced into a dynamic environmental chamber for volatile organic compound (VOC) measurements at the 11-, 12- and 14-day equilibrium times. Air samples from the chamber are analyzed by GC/MS for VOCs and HPLC for formaldehyde and other aldehydes. The data reports include emission rates for the product and predicted indoor concentrations in various environments (office, classroom, and residential). Predicted concentrations for 36 listed VOCs are compared to the maximum allowable levels. These levels are derived from the Chronic Reference Exposure Levels (chRELs) published by California's Office of Environmental Health Hazard Assessment (OEHHA).

Because rules vary, we have created this Coatings Reference Guide. This tool is furnished only as a guide to select LEED®, NGBS, MPI, CARB, SCAQMD, CHPS, Ohio, Canada, Utah, Indiana, Illinois and OTC acceptable coatings and is not all-inclusive of all available Sherwin-Williams products. These rules are not necessarily interchangeable. We hope your specification writing is accelerated with this tool. Additional resources can be found at: sherwin-williams.com, swwspecs.com, or you can quickly access the above mentioned programs at their respective websites.



Master Painters Institute™ The **MPI Green Performance® Standard (GPS-1-12/14)** requires that the manufacturer demonstrate that VOC concentrations of the product shall not exceed those listed in the standard as determined by U. S. Environmental Protection Agency (EPA) Reference Test Method 24 (Determination of Volatile Matter Content, Water Content, Density Volume Solids, and Weight Solids of Surface Coatings), Code of Federal Regulations Title 40, Part 60, Appendix A.

MPI Green Performance® Standard (GPS-2-12/14) provides for a maximum allowable limit of 50 g/L of VOCs. VOCs shall be listed as g/L (grams/liter). The calculation of VOC shall exclude water and tinting color added at the point of sale. Essential Elements of **MPI's Green Performance® Standard** are Performance, Chemical Component Restrictions and Maximum Allowable Limits of Volatile Organic Compounds (VOCs) Products meeting the **MPI Green Performance® Standard (GPS-1-12 & GPS-2-12/14)** are listed at www.specifygreen.com and at www.paintinfo.com.

CALGreen According to CALGreen, “The 2019 California Green Building Standards Code is a code with mandatory requirements for new residential and nonresidential buildings (including buildings for retail, office, public schools and hospitals) throughout California beginning on January 1, 2014. The code is Part 11 of the California Building Standards Code in Title 24 of the California Code of Regulations and is also known as the CALGreen Code. In short, the code is established to reduce construction waste, make buildings more efficient in the use of materials and energy, and reduce environmental impact during and after construction.”

Sherwin-Williams offers a range of products that satisfy CALGreen’s mandatory requirement of low VOC emitting materials. For more information visit: <http://www.bsc.ca.gov/Home/CALGreen.aspx>

The WELL Building Standard® According to the International Well Building Institute™ “The WELL Building Standard® is an evidence-based system for measuring, certifying and monitoring the performance of building features that impact health and well-being. WELL is administered by the International WELL Building Institute™ (IWBI), a public benefit corporation whose mission is to improve human health and well-being through the built environment. WELL is third-party certified by Green Business Certification Inc. (GBCI), which administers LEED certification and LEED professional credentialing.”



ASHRAE The American Society of Heating, Refrigerating and Air-Conditioning Engineers. Per ASHRAE “Standard 189.1 provides a “total building sustainability package” for those who strive to design, build and operate green buildings. From site location to energy use to recycling, this standard sets the foundation for green buildings by addressing site sustainability, water use efficiency, energy efficiency, indoor environmental quality, and the building’s impact on the atmosphere, materials and resources.” For more information visit: www.ashrae.org

IgCC™ International Green Construction Code™

Per IgCC™ “Internationally, code officials recognize the need for a modern, up-to-date code governing the impact of buildings and structures on the environment. This first edition, the 2012 edition, of the International Green Construction Code (IgCC™), is designed to meet this need through model code regulations that contain clear and specific requirements with provisions that promote safe and sustainable construction in an integrated fashion with the ICC Family of Codes”. There are several states and cities within the United States that have adopted IgCC’s mandatory building code requirements. For more information visit: www.iccsafe.org

California Air Resources Board (CARB) California’s Legislature established CARB in 1967 to improve and maintain healthy air quality and conduct research into the causes of and solutions to air pollution in the State. CARB has authority to set and enforce emission standards for motor vehicles, fuels, and consumer products; set health-based air quality standards; monitor air quality; identify and set control measures for toxic air contaminants and oversee local air quality districts. To help control the State’s significant smog levels, CARB has established much stricter regulatory requirements than most of the U.S. regarding VOC emission levels in hundreds of consumer products, including paints and other architectural coatings. For more information visit: www.arb.ca.gov

South Coast Air Quality Management District (SCAQMD) is the air pollution control agency for Orange County and the urban portions of Los Angeles, Riverside and San Bernardino counties, the smoggiest region of the U.S. SCAQMD develops plans and regulations designed to improve air quality by reducing VOC emissions. These plans are then submitted for approval to the EPA and CARB to ensure compliance with their respective Clean Air Acts. Sherwin-Williams offers a range of paints and coatings that meet SCAQMD’s strict regulatory VOC limits under Rule 1113. For further information visit SCAQMD’s webpage: www.aqmd.gov

Ozone Transport Commission (OTC) The Ozone Transport Commission (OTC) is a multi-state organization created under the Clean Air Act (CAA). It is responsible for advising the EPA on transport issues and for developing and implementing regional solutions to the ground-level ozone problem in the Northeast and Mid-Atlantic regions. OTC brings together the states from Virginia to Maine to coordinate reductions in air pollution that benefit the whole region. The OTC provides air pollution assessment, technical support and a forum through which states can work together to harmonize their pollution reduction strategies. OTC members include: Connecticut, Delaware, the District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and Virginia. If the project is located within the OTC region, one must comply with the applicable VOC standards since each of the OTC states adopt their own rule. **OTC Phase II:** OTC Model Rule (Phase II) was developed using standards (Suggested Control Measure) adopted in California in 2007. It revises the VOC content limits for many coating categories. For more information visit: www.otcair.org



Ohio VOC (Volatile Organic Compounds) regulations for paints went into effect on 1/1/09 in Ohio. These regulations are similar to those that have been implemented in the The Ozone Transport Commission (OTC) regions. Under the new regulations, lower VOC limits will be in effect for 54 coatings categories, such as flats, non-flats, primers, stains, varnishes and industrial maintenance coatings. All coatings sold, specified for use or used within the regulated areas must comply with these VOC limits. For additional information on the new VOC regulations, contact your Sherwin-Williams sales representative or local store manager or visit the Ohio EPA website at: www.epa.state.oh.us

Illinois enacted VOC (Volatile Organic Compounds) regulations for paints that went into effect on 7/1/09. These regulations are similar to those that have been implemented in the The Ozone Transport Commission (OTC) regions. Under the new regulations, lower VOC limits will be in effect for 54 coatings categories, such as flats, non-flats, primers, stains, varnishes and industrial maintenance coatings. All coatings sold, specified for use or used within the regulated areas must comply with these VOC limits. For more information please visit: <http://www.ipcb.state.il.us>

Indiana VOC (Volatile Organic Compounds) regulations for paints went into effect on 10/01/11 in Indiana. These regulations are similar to those that have been implemented in the The Ozone Transport Commission (OTC) regions. Under the new regulations, lower VOC limits will be in effect for coatings categories, such as flats, non-flats, primers, stains, varnishes and industrial maintenance coatings. All coatings sold, specified for use or used within the regulated areas must comply with these VOC limits. For additional information on the new VOC regulations, contact your Sherwin-Williams sales representative or local store manager or visit the Indiana website at: www.in.gov/legislative/iac

Utah VOC (Volatile Organic Compounds) regulations for paints went into effect on 01/01/15 in certain areas of Utah. Under the new regulations, lower VOC limits will be in effect for coatings categories, such as flats, non-flats, primers, stains, varnishes and industrial maintenance coatings. All coatings sold, specified for use or used within the regulated areas must comply with these VOC limits. For additional information on the new VOC regulations, contact your Sherwin-Williams sales representative or local store manager or visit the Utah website at: www.rules.utah.gov/publicat/code/r307/r307-361.htm

Canada Canada's regulatory agency, Environment Canada, enacted VOC (Volatile Organic Compounds) regulations for paints in September 9, 2010. The regulations apply to all general architectural and industrial maintenance coatings, and traffic marking products, that are made, imported, sold, or marketed in Canada. The Regulations set mandatory VOC concentration limits for 53 categories of architectural coatings. Concentration limits vary between 100 g/L–800 g/L depending on the category and are set out in the Schedule to the Regulations, which can be viewed at www.ec.gc.ca. Environment Canada is currently working towards adopting VOC regulations that align with those in the United States, particularly the more stringent regulations followed by CARB in California. It also intends to use the same product categories and definitions as those used in California. More information about Canadian VOC regulations for architectural coatings can be found at: <http://www.ec.gc.ca/cov-voc/default.asp?lang=En&n=79D4AE5C-1>.

Since VOC regulations are constantly being reviewed and amended, it is important to consult with your Sherwin-Williams sales representative or local store manager to ensure compliance with the most current regulations.



What's changed for paints & coatings from LEED® v2009 to LEED® v4?

LEED® v2009 mainly addressed VOCs. Now, LEED® v4 addresses VOCs, Emissions and Material Transparency. Sherwin-Williams paints and coatings may help contribute points towards LEED® v4 in three categories – Environmental Quality Credit, Materials and Resources Credit and Pilot Credit.



LEED® v4 Points Summary

EQ Credit (Emissions) 3 Points



- Earn up to 3 points with other eligible products

MR Credit (Transparency) 2 Points



Environmental Product Declarations (EPD)

- Earn 1 point by using at least 20 permanently installed products from 5+ manufacturers
- 3rd party certified EPD through NSF International

Material Ingredients

- Earn 1 point by using at least 20 permanently installed products from 5+ manufacturers
- Product Lens™, a USGBC Approved Program in Material Ingredient Reporting

Pilot Credit 1 Point



- Integrated Analysis of Building Materials
- At least 3 permanently installed products with documented:
 - » Life-cycle analysis
 - » Health, Safety and Environment results certified by 3rd parties

Four opportunities to contribute towards LEED® v4 points

Earn up to 3 points of the EQ Credit:

The first option to earn points for Low-Emitting materials includes 6 categories of materials – 7 when counting exterior paints and coatings for healthcare and schools only. Compliant products must meet VOC emission and content standards to contribute to points. Points are earned by “bundling” or combining compliant products from 2 or more categories.

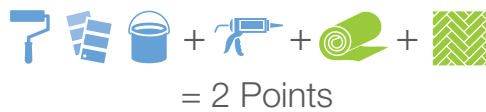
Product categories include:

- Interior paint and coatings
- Interior adhesives and sealants
- Flooring
- Composite wood
- Insulation
- Furniture

The second option to earn points is the Budget Calculation Method. This can be used if some products in a category don't meet the criteria. Points are based on the total % of the surface area painted with compliant products:

- ≥ 50% to ≤ 70% will earn 1 point
- ≥ 70% to ≤ 90% will earn 2 points
- ≥ 90% will earn 3 points

 Sherwin-Williams products with GREENGUARD Gold Certification can contribute to the EQ Credit



Contribute up to 2 points for two categories of the MR Credit: Building Product Disclosure & Optimization

EPD: Earn 1 point for EPD when using at least **20** different permanently installed products from at least **5 different** manufacturers.

- Certified through a 3rd party such as NSF International



 Sherwin-Williams products with an NSF International certified EPD can contribute towards this credit

Material Ingredients: Earn 1 point for Material Ingredients when using at least **20** different permanently installed products from at least **5 different** manufacturers that use any of the following programs to demonstrate the chemical inventory of the product to at least 0.1% (1000 ppm).

- Manufacturer inventory
- Health product declaration
- Cradle to Cradle v2 Basic level or Cradle to Cradle v3 Bronze level
- Declare product label
- Cradle to Cradle Material Health Certificate
- USGBC approved program such as UL Product Lens™

 Sherwin-Williams products with UL Product Lens certification can contribute towards this credit

Pilot Credit: Earn 1 point for LEED® v4 Integrated Analysis of Building Materials

New construction, core and shell, schools, healthcare and hospitality that use products and materials for which life cycle information is available and have environmentally, economically and socially preferable life-cycle impacts can earn 1 point.

Requirements are:

- Use 3+ different permanently installed products that have a documented qualitative analysis of the potential health, safety and environmental impacts of the product in five stages of the product's life cycle
- Include verified quantitative information
 - » Environmental Product Declarations (EPDs), Life-Cycle Assessments (LCAs), ecolabels, standards

 Sherwin-Williams products with an NSF International certified EPD, LCA and emissions testing, material disclosure (3rd party UL Product Lens certification), and safety assessment



Visit swspecs.com to view Sherwin-Williams' Green Programs Reference Guide for specific products that can help contribute towards earning LEED® v4 points in each category.

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What's changed for paints & coatings in LEED® v4.1?

LEED® v4.1 still addresses VOCs, Emissions and Material Transparency, yet is evolving to reward products that continuously improve. Sherwin-Williams paints and coatings may help contribute points towards LEED® v4.1 in three categories – Environmental Quality Credits, Materials and Resources Credits and Pilot Credit.



LEED® v4.1 Points Summary



EQ Credit (Emissions) 3+ Points Low-Emitting Materials

Earn up to 3 points with other eligible products + exemplary performance (Reach 90% threshold in at least 3 product categories)
Points are earned by “bundling” or combining compliant products from 2 or more categories.

- **Paints and Coatings**
 - » At least 75% of all paints and coatings, by volume or surface area, meet the VOC emissions evaluation.
 - » AND 100% meet the VOC content evaluation.
- **Adhesives and Sealants**
 - » At least 75% of all adhesives and sealants, by volume or surface area, meet the VOC emissions evaluation.
 - » AND 100% meet the VOC content evaluation.
- **Flooring**
 - » At least 90% of all flooring, by cost or surface area, meets the VOC emissions evaluation.
- **Ceilings**
- **Wall panels**
- **Composite wood**
- **Insulation**
- **Furniture**



MR Credit (Transparency) 2 Points Environmental Product Declaration

Achieve one or more of the options below for a maximum of 2 points.

Option 1 – Environmental Product Declarations (EPD) (1 Point)

- Earn 1 point by using at least 20 permanently installed products from 5+ manufacturers.
- Product-Specific Type III EPD: Third-Party certified EPD through NSF International are valued as 1.5 products.

Option 2 – Embodied Carbon/LCA Optimization Action Plan (1 point)

- LCA Optimization Action Plan (value at 50% by cost or 1/2 product) Third-Party certification through NSF
- Life Cycle Impact Reductions in Embodied Carbon.



MR Credit (Transparency) 2 Points Material Ingredients

Achieve one or more of the options below for a maximum of 2 points.

Option 1 – Material Ingredient Reporting (1 point)

- Use at least 20 different permanently installed products from at least five different manufacturers.
 - » Manufacturer’s Inventory Product Declaration-Third-Party NSF Certification is worth 1.5 products
 - » Product Lens Certification-Third-Party Certification UL/GREENGUARD (Product Lens Assessment (PLA)) is worth 1.5 products.

Option 2 – Material Ingredient Optimization (1 point)

- Use permanently installed products from at least three different manufacturers that document their material ingredient optimization. Choose 10 compliant products.
 - » Material Ingredient Screening and Optimization Action Plan (value at 50% by cost of 1/2 product), certified through NSF



Pilot Credit 1 Point Integrated Analysis of Building Materials (IABM)

At least 3 permanently installed products with documented:

- Life-cycle analysis
- Health, Safety and Environment results certified by third parties

Opportunities to contribute towards LEED® v4.1 points



Earn up to 3 points + exemplary performance (Reach 90% threshold in at least 3 product categories) of the EQ Credit:

The first option to earn points for Low-Emitting materials includes multiple categories of materials. Compliant products must meet emissions and VOC content standards to contribute to points. Points are earned by “bundling” or combining compliant products from 2 or more categories.

Product categories include:

- Interior paint and coatings
- Interior adhesives and sealants
- Ceilings
- Wall panels
- Flooring
- Composite wood
- Insulation
- Furniture

VOC emissions evaluation

Option 1. Product has been tested according to California Department of Public Health (CDPH) Standard Method v1.2–2017.

VOC content evaluation

Paints and coatings: Product meets the VOC content limits outlined in one of the applicable standards

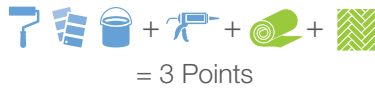
- California Air Resource Board (CARB) 2007 Suggested Control Measure (SCM) for Architectural Coatings
- South Coast Air Quality Management District (SCAQMD) Rule 1113, effective February 5, 2016

Adhesives and sealants

- SCAQMD Rule 1168, October 6, 2017



Sherwin-Williams products with GREENGUARD Gold Certification can contribute to the EQ Credit.



= 3 points + exemplary performance (Reach 90% threshold in at least three product categories). Exemplary performance or 1 additional point if only 2 points achieved in product categories.



Help contribute up to 4 points for two categories of the MR Credit:

Building Product Disclosure & Optimization

MR Credit (Transparency) 2 Points Environmental Product Declaration

Achieve one or more of the options below for a maximum of 2 points.

Option 1 – EPD

Earn 1 point for EPD when using at least 20 different permanently installed products from at least 5 different manufacturers.

- Product-Specific Type III EPD: Third-Party certified EPD through NSF International are valued as 1.5 products.
 - » Products with third-party certification (Type III), including external verification and external critical review in which the manufacturer is explicitly recognized as the participant by the program operator, are valued as 1.5 products for the purposes of credit achievement calculation.



MR Credit (Transparency) 2 Points Material Ingredients

Achieve one or more of the options below for a maximum of 2 points.

Option 1 – Material Ingredient Reporting (1 point)

- Use at least 20 different permanently installed products from at least five different manufacturers.
 - » Manufacturer’s Inventory Product Declaration-NSF certification
 - » Cradle to Cradle
 - » Declare
 - » Health Product Declaration
 - » Product Lens Certification-Third-Party Certification UL/GREENGUARD (Product Lens Assessment (PLA))

-Any compliant reports above with third-party verification that includes the verification of content inventory are worth 1.5 products for credit achievement calculations.



Sherwin-Williams products with an NSF International certified third-party certification EPD are valued as 1.5 products.

Option 2 – Embodied Carbon/LCA Optimization Action Plan (1 point)

Use products that comply with one of the criteria below for 10%, by cost, of the total value of permanently installed products in the project, or use at least 10 permanently installed products sourced from at least three different manufacturers.

- LCA Optimization Action Plan (value at 50% by cost or 1/2 product). certified through NSF



Sherwin-Williams products with NSF Manufacturer’s Inventory certification or UL Product Lens certification can contribute towards this credit and are valued as 1.5 products.

AND/OR Option 2 – Material Ingredient Optimization (1 point)

Use permanently installed products from at least three different manufacturers that document their material ingredient optimization using the paths below. Choose 10 compliant products.

- Material Ingredient Screening and Optimization Action Plan (value at 50% by cost or 1/2 product). certified through NSF

Opportunities to contribute towards LEED® v4.1 points cont.



Pilot Credit:

Earn 1 point for LEED® v4.1 Integrated Analysis of Building Materials

Pilot Credit 1 Point Integrated Analysis of Building Materials (IABM)

New construction, core and shell, schools, healthcare and hospitality that use products and materials for which life cycle information is available and have environmentally, economically and socially preferable life-cycle impacts can earn 1 point.

Requirements are:

- Use 3+ different permanently installed products that have a documented qualitative analysis of the potential health, safety and environmental impacts of the product in five stages of the product's life cycle.
- Include verified quantitative information.
 - » Environmental Product Declarations (EPD), Life-Cycle Assessments (LCA), ecolabels, standards



Sherwin-Williams products with an NSF International certified EPD, LCA and emissions testing, material disclosure (third-party UL Product Lens certification), and safety assessment.

Visit [swspecs.com](https://www.swspecs.com) to view Sherwin-Williams' Sustainable Programs Reference Guide for specific products that can help contribute towards earning LEED® v4 & v4.1 points in each category. Or call 1-800-524-5979 to have a Sherwin-Williams representative contact you.



Product names, logos, brands and other trademarks are the property of their respective trademark holders.
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Where to find information and certifications for LEED v4 , v4.1 & other Building Rating Systems

[Links directly to certificates have been added in LEED v4 & v4.1 and other documents throughout this guide for your convenience](#)

GREEN PROGRAMS AND VOC REGULATED AREAS REFERENCE GUIDE:

[Click here to download](#)- An up-to-date Sustainable programs and VOC reference guide

EQ CREDIT: INDOOR ENVIRONMENTAL QUALITY- LOW-EMITTING MATERIALS EMISSION THIRD-PARTY CERTIFICATES (CDPH V1.2-2017):

[UL.COM/GG](#)- Information on GREENGUARD Emissions testing.

[UL.COM/SPOT](#)- Emissions certificates can be reviewed here. Enter key word: Sherwin

[PAINTDOCS.COM](#)- Search by product number in the Item# section: (i.e. B20W12651) look for **GREEN** Document Type

MR CREDIT: EPD OPTION #1 ENVIRONMENTAL PRODUCT DECLARATIONS THIRD-PARTY CERTIFICATES:

[NSF.ORG](#)- Scroll down the page to Sherwin-Williams

[PAINTDOCS.COM](#)- Search by product number in the Item# section: (i.e. B20W12651) look for **EPD** Document Type

MR CREDIT: EPD OPTION #2 LCA OPTIMIZATION ACTION PLAN THIRD-PARTY CERTIFICATES:

[NSF®](#)-Information on Option #2 EPD Action plans

[PAINTDOCS.COM](#)- Search by product number in the Item# section: (i.e. B20W12651) look for

Document Type **EPDAP**- Environmental Product Declarations Action Plans

MR CREDIT: MATERIAL INGREDIENTS – OPTION #1 MATERIAL INGREDIENTS THIRD-PARTY CERTIFICATES:

[SPOT.UL.COM](#)- Information on Product Lens

[NSF®](#)-Information on Manufacturer's Inventory Product Declarations

[SPOT.UL.COM](#)- Product Lens Certificates can be found here. Enter key word: Sherwin

[PAINTDOCS.COM](#)- Search by product number in the Item# section: (i.e. B20W12651) look for **PLA** Document Type

[PAINTDOCS.COM](#)- Search by product number in the Item# section: (i.e. B42W00150) look for Document Type **MI**- Manufacturer's Inventory Product Declarations

MR CREDIT: MI OPTION #2 MATERIAL INGREDIENTS OPTIMAZATION ACTION PLAN THIRD-PARTY CERTIFICATES:

[NSF®](#)-Information on Option #2 Materials Ingredients Action plans

[PAINTDOCS.COM](#)- Search by product number in the Item# section: (i.e. B20W12651) look for Document Type **CHEMAP**- Chemicals Action Plans

PILOT CREDIT: INTEGRATED ANALYSIS OF BUILDING MATERIALS THIRD-PARTY CERTIFICATES:

[PAINTDOCS.COM](#)- Search by product number in the Item# section: (i.e. B20W12651) look for **IABM** Document Type

SAFETY DATA SHEETS/ENVIRONMENTAL DATA SHEETS/PRODUCT DATA SHEETS:

[PAINTDOCS.COM](#)- Search by product number in the Item# section: (i.e. B20W12651) look for **EDS/PDS** Document Type

SHERWIN-WILLIAMS CORPORATE SOCIAL RESPONSIBILITY(CSR) AND GLOBAL REPORTING INITIATIVE (GRI) REPORT:

[CSR Report](#) [GRI Report](#)

International Living Future InstituteSM Living Building ChallengeSM

[PAINTDOCS.COM](#)- Search by product number in the Item# section: (i.e. B20W12651) look for

Document Type **RLFL**-Red List Free Letters. This list is not all-inclusive of available Sherwin-Williams products. Contact your Sherwin-Williams Architectural Account Executive at 800-524-5979 for more information.

BUILDING RATING SYSTEM PROJECT CHECKLIST



The list of questions below were compiled to help you navigate through the number of sustainable specification possibilities. We hope you will find this tool helpful in planning and making recommendations. If you need more specific information on a particular product, refer to Sherwin-Williams website; www.swgreenspecs.com or contact your Architectural Account Executive or local Sherwin Williams Rep.

1. Which Green program will be followed?

- a. LEED®- USGBC (US Green Building Council)
- b. NAHB (National Association of Home Builders) NGBS (National Green Building Standard)
- c. Green Globes
- d. The WELL Building Standard®
- e. MPI (Master Painter Institute)
- f. None, they just want to be “green”
- g. Other:

2. If this is a USGBC LEED® project, which LEED® program will be used?

LEED-NC, LEED-CI, LEED-S, other?

3. What version of USGBC LEED® Program will be used? Old versions or LEED v4/v4.1?

4. Going for certification?

- a. Yes
- b. No

5. Is this project?

- a. Interior
- b. Exterior

6. Who is the Architect/Construction Manager?

7. What stage is the project in? (planning, spec, bidding, completed, etc.)

8. Special VOC Requirement Area? In what State, County or region will the work be done?

9. What forms will need to be complete prior to project starting?

10. What LEED categories will this project try to earn credits in?

11. Is there a VOC budget?

- a. Yes
- b. No

12. Is a budget process approved?

- a. Yes
- b. No

13. What is being required?

14. Is the Sherwin-Williams Architectural Account Executive involved in this project? Do you know who the AAE is in your area? If not contact 800-321-8194



LEED® and Other Building Rating Systems Form Instructions

To complete this form:

- Open the document in Adobe Acrobat Reader and select the Fill & Sign option in the right hand column
- Use the Fill & Sign toolbar to add text, check boxes or select answers



Rely on Sherwin-Williams for products that help contribute to LEED® and other building rating systems.

Environmental Quality (EQ)



Low Emitting Materials:

- Sherwin-Williams Paint, Caulking or Flooring with UL GREENGUARD® Gold or CDPH V1.2-2017 validated can help contribute

Materials and Resources (MR)



Environmental Product Declarations (EPD):

- Sherwin-Williams EPD Product Specific Type III with 3rd party NSF® International validated can help contribute

Material Ingredients Disclosure:

- Sherwin-Williams products with 3rd party UL Product Lens® (PLA) validated can help contribute
- Sherwin-Williams products with 3rd party NSF® International Manufacturer Inventory validated can help contribute

Pilot Credit



Integrated Analysis of Building Materials (IABM):

- Choose Sherwin-Williams products with an 3rd party NSF International certified EPD, LCA and emissions testing, material disclosure (3rd party UL Product Lens certification) or Manufacturer Inventory and safety assessment



Where are Sherwin-Williams Manufacturing Locations

Background:

This document is to define where Sherwin-Williams manufactures Paints and Coatings and how to interpret where that material was produced. The list below is not all inclusive of the Sherwin-Williams manufacturing locations.

Definitions:

Manufacture: Something that is made from a raw material either by hand or by machinery.

Batch Code Materials: Every gallon of Sherwin-Williams paint will have a batch code imprinted on the can. This batch code will indicate when the product was made, and it signifies where the product may have had final transformation or if the coating was manufactured in the United States of America with global materials.

Locations:

Plant Locations:	Code
Greensboro NC	OE/EM
Orlando FL	OK/KM
Cincinnati OH	GC
San Diego CA	CA/PM
Fort Erie ON	MB
Oakland CA	OY
Ennis TX	ET
Chicago IL	CE
Atlanta GA	AA

Plant Locations:	Code
Garland TX	DT
Chicago IL	EC
Baltimore MD	ED/OD/DM
Garland TX	PT
Victorville CA	OV/VM
Morrow GA	OW/WM
Wichita KS	OX/XM
Garland TX	GT/OT/TM

Plant Locations:	Code
Fernley NV	WE
Flora IL	FM
Olive Branch MS	PP
Memphis TN	MP
Chicago IL	GJ
Spokane WA	WC
Terra Haute IN	MH
Columbus, OH	OL/LM

Interpretations:

An example of a Batch Code is as such: ED0998. The “ED” stands for the plant in which the product was produced, in this example ED stands for Baltimore MD Plant. The 099 stands for the day of the year. In this example 099 is the 99 day of the year. The 8 at the end or the last digit always stands for the year in which the product was manufactured. In this case the 8 stands for the year 2018.

Summary:

There are certain credits available in the sustainable market place today for having manufacturing plants within a certain radius of the job site. Sherwin Williams has many manufacturing facilities as indicated above and many maybe within the 500-mile radius. However, one must read and understand the entire credit before it can be applied. Some program rules promote purchasing of local materials. Sherwin Williams is local and has over 4000+ stores to help promote local purchasing. For the nearest Sherwin Williams Store contact 1-800-4 Sherwin.

LEED 09 BD&C Building Design and Construction (NC,CS) 7/2014
LEED 09 ID & C Interior Design & Construction (CI)
TABLE 1. IEQc4.2 Applicable VOC Limits 10/1/2013
Indoor Environmental Quality Credit Category 4.2, Paints and Coatings

updated 1/29/16

TABLE 1. IEQc4.2 Applicable VOC Limits 10/1/2013 Product Type	Referenced Standard[‡]	VOC Limit (g/L minus water)
Interior Flat Coating	Green Seal GS-11, 1993	50
Interior Non-Flat Coating	Green Seal GS-11, 1993	150
Anti-Corrosive/ Anti-Rust Paint	Green Seal GC-03, 2nd Edition, 1997	250
Clear Wood Finish: Lacquer	SCAQMD Rule 1113, 2004	550
Clear Wood Finish: Sanding Sealer	SCAQMD Rule 1113, 2004	350
Clear Wood Finish: Varnish	SCAQMD Rule 1113, 2004	350
Clear Brushing Lacquer	SCAQMD Rule 1113, 2004	680
Floor Coatings	SCAQMD Rule 1113, 2004	100
Primers, Sealers and Undercoaters	SCAQMD Rule 1113, 2004	200
Shellac: Clear	SCAQMD Rule 1113, 2004	730
Shellac: Pigmented	SCAQMD Rule 1113, 2004	550
Stain	SCAQMD Rule 1113, 2004	250
Concrete Curing Compounds	SCAQMD Rule 1113, 2004	350
Japans/ Faux Finishing Coatings	SCAQMD Rule 1113, 2004	350
Magnesite Cement Coatings	SCAQMD Rule 1113, 2004	450
Pigmented Lacquer	SCAQMD Rule 1113, 2004	550
Waterproofing Sealers	SCAQMD Rule 1113, 2004	250
Waterproofing Concrete/ Masonry Sealers	SCAQMD Rule 1113, 2004	400
Wood Preservatives	SCAQMD Rule 1113, 2004	350
Low-Solids Coatings	SCAQMD Rule 1113, 2004	120[^]

[^]Note: VOC levels for Low-Solids Coatings are measured in grams of VOC per liter of material, including water.

IEQ Credit 4.2: Per USGBC: •Architectural paints and coatings applied to interior walls and ceilings must not exceed the volatile organic compound (VOC) content limits established in Green Seal Standard GS-11, Paints, 1st Edition, May 20, 1993. •Anti-corrosive and anti-rust paints applied to interior ferrous metal substrates must not exceed the VOC content limit of 250 g/L established in Green Seal Standard GC-03, Anti-Corrosive Paints, 2nd Edition, January 7, 1997. •Clear wood finishes, floor coatings, stains, **primer**, sealers and shellacs applied to interior elements must not exceed the VOC content limits established in South Coast Air Quality Management District (SCAQMD) Rule 1113, Architectural Coatings, rules in effect on January 1, 2004. ‡ Unless more stringent local limits apply.

* **Addenda dated 10/1/2013 Table 1. IEQc4.2 Applicable VOC Limits now states: Interior Flat Coating follow Green Seal GS-11, 1993: 50 g/L. Interior Non-Flat Coating follow Green Seal GS-11,1993: 150 g/L. Primers are no longer classified as part of GS-11, they are grouped with sealers and undercoaters in accordance to SCAQMD Rule 1113, 2004.**

For more information visit USGBC's website for this addendum: <http://www.usgbc.org/sites/default/files/BDC%20IDC%20IEQc4.2%20Table%201.pdf>
<http://www.usgbc.org/resources/ieqc42-table-1-applicable-voc-limits>

Also, as part of this credit, USGBC ruled on ID#10295 of the Corrections + Interpretations Database: Prerequisite/Credit: EQc4.2 - Low-emitting materials - paints and coatings Rating System: LEED BD+C: New Construction, LEED ID+C: Commercial Interiors, LEED BD+C: Core and Shell, LEED BD+C: Retail, LEED ID+C: Retail

Inquiry:

"Can the VOC limits of the California Air Resources Board (CARB) 2007, Suggested Control Measure (SCM) for Architectural Coatings be used to meet the credit requirements for paints and coatings used on the interior of the building as an alternative to the VOC limits in Green Seal GS-11 1993, Green Seal GC 03 2nd Edition 1997, and SCAQMD Rule 1113 2004?"

Ruling:

"Yes, paints and coatings that comply with the California Air Resources Board (CARB) 2007, Suggested Control Measure (SCM) for Architectural Coatings meet the requirements of this credit."

for more information please visit: <http://www.usgbc.org/leed-interpretations?keys=10295>

For the official guidance on CARB rules please visit USGBC's website : <http://www.usgbc.org/node/1732511?view=resources>

October 31, 2016 was the last day to register LEED® projects under any of the LEED 2009 rating systems

This information is furnished only as a guide and is not all-inclusive of available Sherwin-Williams products.

USGBC LEED®-09 NC New Construction Contributes toward satisfying IEQ Credit 4.2* Updated 7/2016 w/Addenda 10/1/2013			updated 10/01/16
SUBSTRATE	PRODUCTS	LEED-09 NC CATEGORY^	PRODUCT VOCs†
1,3,7,8	Cashmere® Interior Acrylic Flat Enamel, D16-150 Series	FLAT	<50 g/L
1,3,7,8	Duration Home® Interior Latex Flat & Matte, A95 & A96 Series	FLAT	<50 g/L
1,3,7,8	EcoSelect® Interior Flat, A21 Series	FLAT	<50 g/L
1,3,7,8	Emerald® Interior Flat & Matte, K35 & K36 Series	FLAT	<50 g/L
1,3,7,8	Harmony® Interior Latex Flat, B5 Series	FLAT	<50 g/L
1,3,7,8	ProMar 200 Zero VOC Latex Flat B30-2600/12600, Low Sheen B24-2600 & Low Gloss, B41-2600 Series	FLAT	<50 g/L
1,3,7,8	ProMar® 400 Zero VOC Interior Latex Flat, B30-4600, Low Sheen, B24-4600 Series	FLAT	<50 g/L
1,3,7,8	Property Solution™ Interior Flat, B30-3000 Series	FLAT	<50 g/L
1,3,7,8	Solo® Interior/Exterior Flat, A74 Series	FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior Flat & Velvet, A86-1150 & A94-150 Series	FLAT	<50 g/L
9,10	Porch & Floor Enamel, A32 Series	FLOOR	<50 g/L
1,3,7,8	Cashmere® Interior Acrylic Low Lustre, Pearl & Medium Lustre, D17, D15 & D18-150 Series	NON-FLAT	<50 g/L
1,3,7,8	Duration Home® Latex Satin, A97 & Duration Home Semi-Gloss, A98 Series	NON-FLAT	<50 g/L
1,3,8	EcoSelect® Interior Eg-Shel & Semi-Gloss, A22 & A20 Series	NON-FLAT	<50 g/L
1,3,7,8	Emerald® Interior Satin & Semi-Gloss, K37 & K38 Series	NON-FLAT	<50 g/L
1,3,7,8	Emerald® Urethane Trim Enamel, Satin, Semi-Gloss & Gloss K36, K37 & K38 Series	NON-FLAT	<50 g/L
1,3,7,8	Harmony® Latex Eg-Shel, B9 Series & Harmony Semi-Gloss, B10 Series	NON-FLAT	<50 g/L
1,3,4,6,7,8	ProClassic® Interior Waterbased Acrylic-Alkyd Satin & Semi-Gloss, B33 & B34-850 Series	NON-FLAT	<50 g/L
1,3,4,6,7,8	ProClassic® Waterborne Acrylic Satin, Semi-Gloss, B20 & B31 Series	NON-FLAT	<50 g/L
1,3,7,8	ProMar® 200 Interior Waterbased Acrylic-Alkyd Eg-Shel/Semi-Gloss/Gloss B33-8251, B34-8251 & B35-8251	NON-FLAT	<100 g/L
1,3,7,8	ProMar® 200 Zero VOC Latex Eg-Shel, B20-2600,12600 & S/G & Gloss, B31-2600 & B21-12650 Series	NON-FLAT	<50 g/L
1,3,7,8	ProMar® 400 Zero VOC Latex Eg-Shel B20-4600, Semi-Gloss & Gloss B31-4600 & B21-4650 Series	NON-FLAT	<50 g/L
1,3,7,8	Property Solution™ Interior Eg-Shel, B20W3050 & Semi-Gloss, B31W3060	NON-FLAT	<50 g/L
1,3,7,8	Solo® Interior/Exterior Eg-Shel, Satin, Semi-Gloss & Gloss, A75, A73, A76 & A77-51 Series	NON-FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior Satin, A87-1150/1250 & Semi-Gloss A88-1150 Series	NON-FLAT	<50 g/L
8	Drywall Primer Interior Latex, B28W8150	P,S,U	<50 g/L
8	Harmony® Interior Latex Primer, B11	P,S,U	<50 g/L
1,2,3	Loxon® Concrete & Masonry Primer, LX02 Series	P,S,U	<50 g/L
1,2,3	Loxon® Acrylic Conditioner LX03 Series	P,S,U	<50 g/L
1,2,4,5,7,8	Multi-Purpose Latex Primer, B51-450 Series	P,S,U	<50 g/L
7,8	Multi-Purpose Waterbased Acrylic-Alkyd Primer, B79W450	P,S,U	<50 g/L
7,8	Premium Wall & Wood Primer, B28W8111	P,S,U	<50 g/L
1,2,4,5,7,8	PrepRite® ProBlock® Latex Primer, B51-620 Series	P,S,U	<50 g/L
8	ProMar® 200 Zero VOC Latex Primer, B28W2600	P,S,U	<50 g/L
8	ProMar® 400 Zero VOC Latex Primer, B28W4600	P,S,U	<50 g/L

October 31, 2016 was the last day to register LEED® projects under any of the LEED 2009 rating systems

Substrate Key: Refer to data page for appropriate primer requirements

- | | |
|--|-----------------------|
| (1) Concrete - Poured, Precast, Tilt-Up Cast-In-Place, Cement Board Including Plaster | (7) Wood |
| (2) Concrete - Ceilings | (8) Drywall |
| (3) Masonry - (CMU - Concrete, Split Face, Scored, Smooth, Stucco, etc.) | (9) Concrete Floors |
| (4) Metal - Aluminum, Galvanized | (10) Wood Floors |
| (5) Metal - (Galvanized: Ceilings, Ductwork) | (11) Specialty Primer |
| (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall | |

IEQ Credit 4.2: Per USGBC:•Architectural paints and coatings applied to interior walls and ceilings — must not exceed the volatile organic compound (VOC) content limits established in Green Seal Standard GS-11, Paints, 1st Edition, May 20, 1993. •Anti-corrosive and anti-rust paints applied to interior ferrous metal substrates must not exceed the VOC content limit of 250 g/L established in Green Seal Standard GS-03, Anti-Corrosive Paints, 2nd Edition, January 7, 1997. •Clear wood finishes, floor coatings, stains, primers, sealers and shellacs applied to interior elements: must not exceed the VOC content limits established in South Coast Air Quality Management District (SCAQMD) Rule 1113, Architectural Coatings, effective January 1, 2004.

* **Addenda dated 10/1/2013** Refer to page 7 of this guide **Table 1. IEQc 4.2 Applicable VOC Limits:** Table one states: Interior Flat Coating follow Green Seal GS-11, 1993: 50 g/L, Interior Non-Flat Coating follow Green Seal GS-11, 1993: 150 g/L. **Primers, Sealers, and Undercoaters 200 g/L Primers are no longer classified as part of GS-11, they are classified with sealers and undercoaters in accordance to SCAQMD Rule 1113, 2004 and CARB 2007 SCM** For more information visit USGBC's website for this addendum: <http://www.usgbc.org/sites/default/files/BDC%20IDC%20IEQc4.2%20Table%201.pdf>

P,S,U= Primer, Sealer, Undercoater

^Category classification based on SCAQMD Rule 1113, 2004 definitions.

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

USGBC LEED®-09 CI Commercial Interiors: Contributes toward satisfying IEQ Credit 4.2* Updated 7/2016 w/Addenda 10/1/2013			updated 10/01/16
SUBSTRATE	PRODUCTS	LEED-09 NC CATEGORY^	PRODUCT VOCs†
1,3,7,8	Cashmere® Interior Acrylic Flat Enamel, D16-150 Series	FLAT	<50 g/L
1,3,7,8	Duration Home® Interior Latex Flat & Matte, A95 & A96 Series	FLAT	<50 g/L
1,3,7,8	EcoSelect® Interior Flat, A21 Series	FLAT	<50 g/L
1,3,7,8	Emerald® Interior Flat & Matte, K35 & K36 Series	FLAT	<50 g/L
1,3,7,8	Harmony® Interior Latex Flat, B5 Series	FLAT	<50 g/L
1,3,7,8	ProMar 200 Zero VOC Latex Flat B30-2600/12600, Low Sheen B24-2600 & Low Gloss, B41-2600 Series	FLAT	<50 g/L
1,3,7,8	ProMar® 400 Zero VOC Interior Latex Flat, B30-4600, Low Sheen, B24-4600 Series	FLAT	<50 g/L
1,3,7,8	Property Solution™ Interior Flat, B30-3000 Series	FLAT	<50 g/L
1,3,7,8	Solo® Interior/Exterior Flat, A74 Series	FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior Flat & Velvet, A86-1150 & A94-150 Series	FLAT	<50 g/L
9,10	Porch & Floor Enamel, A32 Series	FLOOR	<50 g/L
1,3,7,8	Cashmere® Interior Acrylic Low Lustre, Pearl & Medium Lustre, D17, D15 & D18-150 Series	NON-FLAT	<50 g/L
1,3,7,8	Duration Home® Latex Satin, A97 & Duration Home Semi-Gloss, A98 Series	NON-FLAT	<50 g/L
1,3,8	EcoSelect® Interior Eg-Shel & Semi-Gloss, A22 & A20 Series	NON-FLAT	<50 g/L
1,3,7,8	Emerald® Interior Satin & Semi-Gloss, K37 & K38 Series	NON-FLAT	<50 g/L
1,3,7,8	Emerald® Urethane Trim Enamel, Satin, Semi-Gloss & Gloss K36, K37 & K38 Series	NON-FLAT	<50 g/L
1,3,7,8	Harmony® Latex Eg-Shel, B9 Series & Harmony Semi-Gloss, B10 Series	NON-FLAT	<50 g/L
1,3,4,6,7,8	ProClassic® Interior Waterbased Acrylic-Alkyd Satin & Semi-Gloss, B33 & B34-850 Series	NON-FLAT	<50 g/L
1,3,4,6,7,8	ProClassic® Waterborne Acrylic Satin, Semi-Gloss, B20 & B31 Series	NON-FLAT	<50 g/L
1,3,7,8	ProMar® 200 Interior Waterbased Acrylic-Alkyd Eg-Shel/Semi-Gloss/Gloss B33-8251, B34-8251 & B35-8251	NON-FLAT	<100 g/L
1,3,7,8	ProMar® 200 Zero VOC Latex Eg-Shel, B20-2600,12600 & S/G & Gloss, B31-2600 & B21-12650 Series	NON-FLAT	<50 g/L
1,3,7,8	ProMar® 400 Zero VOC Latex Eg-Shel B20-4600, Semi-Gloss & Gloss B31-4600 & B21-4650 Series	NON-FLAT	<50 g/L
1,3,7,8	Property Solution™ Interior Eg-Shel, B20W3050 & Semi-Gloss, B31W3060	NON-FLAT	<50 g/L
1,3,7,8	Solo® Interior/Exterior Eg-Shel, Satin, Semi-Gloss & Gloss, A75, A73, A76 & A77-51 Series	NON-FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior Satin, A87-1150/1250 & Semi-Gloss A88-1150 Series	NON-FLAT	<50 g/L
8	Drywall Primer Interior Latex, B28W8150	P,S,U	<50 g/L
8	Harmony® Interior Latex Primer, B11	P,S,U	<50 g/L
1,2,3	Loxon® Concrete & Masonry Primer, LX02 Series	P,S,U	<50 g/L
1,2,3	Loxon® Acrylic Conditioner LX03 Series	P,S,U	<50 g/L
1,2,4,5,7,8	Multi-Purpose Latex Primer, B51-450 Series	P,S,U	<50 g/L
7,8	Multi-Purpose Waterbased Acrylic-Alkyd Primer, B79W450	P,S,U	<50 g/L
7,8	Premium Wall & Wood Primer, B28W8111	P,S,U	<50 g/L
1,2,4,5,7,8	PrepRite® ProBlock® Latex Primer, B51-620 Series	P,S,U	<50 g/L
8	ProMar® 200 Zero VOC Latex Primer, B28W2600	P,S,U	<50 g/L
8	ProMar® 400 Zero VOC Latex Primer, B28W4600	P,S,U	<50 g/L

October 31, 2016 was the last day to register LEED® projects under any of the LEED 2009 rating systems

Substrate Key: Refer to data page for appropriate primer requirements

- | | |
|--|-----------------------|
| (1) Concrete - Poured, Precast, Tilt-Up Cast-In-Place, Cement Board Including Plaster | (7) Wood |
| (2) Concrete - Ceilings | (8) Drywall |
| (3) Masonry - (CMU - Concrete, Split Face, Scored, Smooth, Stucco, etc.) | (9) Concrete Floors |
| (4) Metal - Aluminum, Galvanized | (10) Wood Floors |
| (5) Metal - (Galvanized: Ceilings, Ductwork) | (11) Specialty Primer |
| (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall | |

IEQ Credit 4.2: Per USGBC: Architectural paints and coatings applied to interior walls and ceilings — must not exceed the volatile organic compound (VOC) content limits established in Green Seal Standard GS-11, Paints, 1st Edition, May 20, 1993. •Anti-corrosive and anti-rust paints applied to interior ferrous metal substrates must not exceed the VOC content limit of 250 g/L established in Green Seal Standard GS-03, Anti-Corrosive Paints, 2nd Edition, January 7, 1997. •Clear wood finishes, floor coatings, stains, primers, sealers and shellacs applied to interior elements: must not exceed the VOC content limits established in South Coast Air Quality Management District (SCAQMD) Rule 1113, Architectural Coatings, effective January 1, 2004.

* **Addenda dated 10/1/2013** Refer to page 7 of this guide **Table 1. IEQc 4.2 Applicable VOC Limits:** Table one states: Interior Flat Coating follow Green Seal GS-11, 1993: 50 g/L, Interior Non-Flat Coating follow Green Seal GS-11, 1993: 150 g/L. **Primers, Sealers, and Undercoaters 200 g/L Primers are no longer classified as part of GS-11, they are classified with sealers and undercoaters in accordance to SCAQMD Rule 1113, 2004 and CARB 2007 SCM** For more information visit USGBC's website for this addendum: <http://www.usgbc.org/sites/default/files/BDC%20IDC%20IEQc4.2%20Table%201.pdf>

P,S,U= Primer, Sealer, Undercoater

^Category classification based on SCAQMD Rule 1113, 2004 definitions.

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

This information is furnished only as a guide and is not all-inclusive of available Sherwin-Williams products.

LEED® 09-NC New Construction: Contributes toward satisfying IEQ Credit 4.2 *Updated 7/2016 w/Addenda 10/01/2013 Dry Fog & Industrial Maintenance Coatings		updated 2/16/17
PRODUCTS	LEED-09 NC CATEGORY ^	PRODUCT VOCs†
Pro Industrial™ Waterbased DryFall Flat, B42W181, B42T81 & B42B81	DRY FOG	<50 g/L
Pro Industrial™ Waterbased DryFall Eg-Shel, B42W182 & Semi-Gloss B42W83	DRY FOG	<50 g/L
ArmorSeal® 8100 Water Based Epoxy B70-8100 Series	INDUSTRIAL MAINTENANCE	<50 g/L
ArmorSeal® Tread-Plex Coating, B90 Series	INDUSTRIAL MAINTENANCE	<100 g/L
Bond-Plex®, B71W211 & B71T204	INDUSTRIAL MAINTENANCE	<100 g/L
Cement-Plex® 875, B42W200 w/B42V201	INDUSTRIAL MAINTENANCE	<100 g/L
Metalatex® Semi-Gloss, B42 Series	INDUSTRIAL MAINTENANCE	<100 g/L
Pro Industrial™ Acrylic Eg-Shel, Semi-Gloss & Gloss, B66-600/1660 Series	INDUSTRIAL MAINTENANCE	<50 g/L
Pro Industrial™ DTM Acrylic Coating Eg-Shel, Semi-Gloss & Gloss, B66-1200, B66-1151 & 1051	INDUSTRIAL MAINTENANCE	<50 g/L
Pro Industrial™ DTM Primer/Finish, B66-11 Series	INDUSTRIAL MAINTENANCE	<50 g/L
Pro Industrial™ Heavy Duty Block Filler , B42-150 Series	INDUSTRIAL MAINTENANCE	<50 g/L
Pro Industrial™ Multi-Surface Acrylic, Eg-Shel, Semi-Gloss & Gloss, B66-1560, B66-1550 & B66-1500 Series	INDUSTRIAL MAINTENANCE	<50 g/L
Pro Industrial™ Pre-Catalyzed Waterbased Epoxy Eg-Shel K45 & Semi-Gloss, K46 Series	INDUSTRIAL MAINTENANCE	<50 g/L
Pro Industrial™ Pro-Cryl® Universal Primer Off White, Medium Grey & Red Oxide B66-1300 Series	INDUSTRIAL MAINTENANCE	<50 g/L
Pro Industrial™ Waterbased Acrolon® 100, B65W721 Series	INDUSTRIAL MAINTENANCE	<100 g/L
Pro Industrial™ Water Based Catalyzed Epoxy, B73-300 Series	INDUSTRIAL MAINTENANCE	<50 g/L
Pro Industrial™ Waterbased Alkyd Urethane B53-1050, 1150 & 1250 Series	INDUSTRIAL MAINTENANCE	<50 g/L
Sher-Clear™ IK Acrylic Clear Coat, Flat & Semi-Gloss, B66C380 & B66C385	INDUSTRIAL MAINTENANCE	<100 g/L
Waterbased Catalyzed Epoxy, B70W211 B60V15/B60V25	INDUSTRIAL MAINTENANCE	<150 g/L

October 31, 2016 was the last day to register LEED® projects under any of the LEED 2009 rating systems

Also, as part of this credit, USGBC ruled on ID#10295 of the Corrections + Interpretations Database: Prerequisite/Credit: EQc4.2 - Low-emitting materials - paints and coatings Rating System: LEED BD+C: New Construction, LEED ID+C: Commercial Interiors, LEED BD+C: Core and Shell, LEED BD+C: Retail, LEED ID+C: Retail

Inquiry:

“Can the VOC limits of the California Air Resources Board (CARB) 2007, Suggested Control Measure (SCM) for Architectural Coatings be used to meet the credit requirements for paints and coatings used on the interior of the building as an alternative to the VOC limits in Green Seal GS-11 1993, Green Seal GC 03 2nd Edition 1997, and SCAQMD Rule 1113 2004?”

Ruling:

“Yes, paints and coatings that comply with the California Air Resources Board (CARB) 2007, Suggested Control Measure (SCM) for Architectural Coatings meet the requirements of this credit.”

For more information visit USGBC’s website for this addendum: <http://www.usgbc.org/sites/default/files/BDC%20IDC%20IEQc4.2%20Table%201.pdf>
<http://www.usgbc.org/resources/ieqc42-table-1-applicable-voc-limits>

for more information please visit: <http://www.usgbc.org/leed-interpretations?keys=10295>

For the official guidance on CARB rules please visit USGBC’s website : <http://www.usgbc.org/node/1732511?view=resources>

IEQ Credit 4.2: Per USGBC: •Architectural paints and coatings applied to interior walls and ceilings — must not exceed the volatile organic compound (VOC) content limits established in Green Seal Standard GS-11, Paints, 1st Edition, May 20, 1993. •Anti-corrosive and anti-rust paints applied to interior ferrous metal substrates must not exceed the VOC content limit of 250 g/L established in Green Seal Standard GS-03, Anti-Corrosive Paints, 2nd Edition, January 7, 1997. •Clear wood finishes, floor coatings, stains, primers, sealers and shellacs applied to interior elements: must not exceed the VOC content limits established in South Coast Air Quality Management District (SCAQMD) Rule 1113, Architectural Coatings, effective on January 1, 2004.

* **Addenda dated 10/1/2013** Refer to page 7 of this guide **Table 1. IEQc 4.2 Applicable VOC Limits:** Table one states: Interior Flat Coating follow Green Seal GS-11, 1993: 50 g/L, Interior Non-Flat Coating follow Green Seal GS-11, 1993: 150 g/L. **Primers, Sealers, and Undercoaters 200 g/L Primers are no longer classified as part of GS-11, they are classified with sealers and undercoaters in accordance to SCAQMD Rule 1113, 2004** For more information visit USGBC’s website for this addendum:
<http://www.usgbc.org/sites/default/files/BDC%20IDC%20IEQc4.2%20Table%201.pdf>

P,S,U= Primer, Sealer, Undercoater

^Category classification based on SCAQMD Rule 1113, 2004 definitions. Industrial Maintenance (IM) Coatings 1/1/04 <250 g/L

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

**LEED for Homes Rating System- Updated April 1st 2013
Contributes toward satisfying MR Credit 2.2**

updated 10/01/16

PRODUCTS	TABLE 25 CATEGORY [^]	PRODUCT VOCs [†]
Builders Solution™ Interior Latex Flat, A61 & Matte A64	FLAT	<50 g/L
Duration Home® Interior Latex Flat & Matte, A95 & A96 Series	FLAT	<50 g/L
Emerald Interior Flat & Matte, K35 & K36 Series	FLAT	<50 g/L
Harmony Interior Latex Flat, B5 Series	FLAT	<50 g/L
ProMar 200 Zero VOC Latex Flat B30-2600/12600, Low Sheen B24-2600 & Low Gloss, B41-2600 Series	FLAT	<50 g/L
ProMar® 400 Zero VOC Interior Latex Flat, B30-4600, Low Sheen, B24-4600 Series	FLAT	<50 g/L
EcoSelect Interior Flat, A21 Series	FLAT	<50 g/L
Solo Interior/Exterior Flat, A74 Series	FLAT	<50 g/L
Porch & Floor Enamel, A32 Series	FLOOR	<50 g/L
Builders Solution™ Interior Latex Eg-Shel, A62	NON-FLAT	<100 g/L
Duration Home Latex Satin, A97 & Duration Home Semi-Gloss, A98 Series	NON-FLAT	<50 g/L
EcoSelect Interior Eg-Shel & Semi-Gloss, A22 & A20 Series	NON-FLAT	<50 g/L
Emerald Interior Satin & Semi-Gloss, K37 & K38 Series	NON-FLAT	<50 g/L
Emerald® Urethane Trim Enamel, Satin, Semi-Gloss & Gloss K36, K37 & K38 Series	NON-FLAT	<50 g/L
Harmony Latex Eg-Shel, B9 Series & Harmony® Semi-Gloss, B10 Series	NON-FLAT	<50 g/L
ProClassic™ Interior Waterbased Acrylic-Alkyd Satin & Semi-Gloss, B33 & B34 Series	NON-FLAT	<50 g/L
ProClassic® Waterborne Acrylic Satin, S/G, B20 & B31 Series	NON-FLAT	<50 g/L
ProMar® 200 Zero VOC Latex Eg-Shel, B20-2600,12600 & Semi-Gloss, B31-2600 Series	NON-FLAT	<50 g/L
ProMar® 200 Interior Waterbased Acrylic-Alkyd Eg-Shel/Semi-Gloss/Gloss B33- B34- & B35-8251 Series	NON-FLAT	<100 g/L
ProMar® 200 Zero VOC Latex Gloss B21-12651 Series & ProMar® 400 Zero VOC Latex Gloss B21-4651 Series	NON-FLAT	<50 g/L
ProMar® 400 Zero VOC Latex Eg-Shel B20-4600, Semi-Gloss B31-4600 Series	NON-FLAT	<50 g/L
Solo® Interior/Exterior Eg-Shel, Satin, Semi-Gloss & Gloss, A75, A73, A76 & A77-51 Series	NON-FLAT	<50 g/L
Harmony Interior Latex Primer, B11	P,S,U	<50 g/L
Multi-Purpose Latex Primer, B51-450 Series	P,S,U	<50 g/L
Multi-Purpose Waterbased Acrylic-Alkyd Primer, B79W450	P,S,U	<50 g/L
PrepRite ProBlock Latex Primer, B51-620 Series	P,S,U	<50 g/L
Premium Wall & Wood Primer, B28W8111	P,S,U	<50 g/L
ProMar® 200 Zero VOC Latex Primer, B28W2600	P,S,U	<50 g/L
ProMar® 400 Zero VOC Latex Primer, B28W4600	P,S,U	<50 g/L
Loxon® Concrete & Masonry Primer, LX02 Series	P,S,U	<50 g/L
Loxon® Acrylic Conditioner LX03 Series	P,S,U	<50 g/L
Loxon Water Blocking Primer/Finish, LX12 Series	P,S,U	<50 g/L
White Pigmented Shellac Primer, B49W8150	SHELLACS	<550 g/L

October 31, 2016 was the last day to register LEED® projects under any of the LEED 2009 rating systems

MR 2. Environmentally Preferable Products MR Credit 2.2: Per USGBC: Low Emissions (0.5 point per component). Use products that meet the emissions specification in Table 1 see usgbc.org for further information. Under Emission specifications in the Interior walls and ceilings and millwork Assembly section: Use products that comply with all applicable standards in Table 25

Table 2 (25). Standards for Environmentally Preferable Paints and Coatings

Types of Paints and Coatings	Applicable standard (VOC Content)	Reference
Architectural paints, coatings and primers applied to interior elements	Flats: 50 g/L, Nonflats: 150 g/L	Green Seal Standard GS-11, Paints, 1st Edition, May 20, 1993
Anticorrosive and antirust paints applied to interior ferrous metal substrates	250 g/L	Green Seal Standard GC-03, Anti-Corrosive Paints, 2nd edition, January 7, 1997
Clear wood finishes	Varnish 350 g/L Lacquer: 550 g/L	South Coast Air Quality Management District Rule 1113, Architectural Coatings
Floor coatings	100 g/L	
Sealers	Waterproofing: 250 g/L, Sanding 275 g/L, All others: 200 g/L	
Shellacs	Clear 730 g/L Pigmented: 550 g/L	
Stains	250 g/L	

Since USGBC® does not post the date of South Coast Air Quality Management District Rule 1113, Architectural Coatings rule, one must refer to the most recent rule amended September 6, 2013 with an effective date of 1/1/14. Therefore Varnish: s/be 275 g/L, Lacquer: s/be 275 g/L, Floor Coatings: s/be <50 g/L, Sealers: Waterproofing: 100 g/L, Sealers, Undercoaters: s/be <100 g/L, All others: 100 g/L.

Stains: s/be defined as Stain Interior 250 g/L. Products in this guide comply with the current SCAQMD rule 1113 effective 1/1/2014.

[^]Category classification based on SCAQMD Rule 1113, September 6, 2013 definitions. P,S,U= Primer, Sealer, Undercoater

[†]Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

USGBC LEED®-09 for Schools Contributes toward satisfying IEQ Credit 4.2 Updated 7/2016	
PRODUCTS	GREENGUARD Gold CDPH (CA01350) Method V1.2-2017
All Surface HP Enamel Eg-Shel, Semi-Gloss & Gloss, A43, A41 & A42-Q8050 Series-Canada Only	YES
All Surface Enamel Satin & Gloss, A41-1350 & A41-1250 Series	YES
Armorseal® 8100 Water Based Epoxy Floor Coating, B70-8100/8160 Series	YES
ColorCast Ecotoners™	YES
ConFlex Block Filler, CF01W0050	YES
Dry Erase Coating, KB65C2000	YES
Drywall Primer, B28W08150	YES
EcoSelect Interior Flat, Eg-Shel, Semi-Gloss, A21, A22 & A20 Series	YES
Emerald Interior Flat & Matte, K35 & K36 Series	YES
Emerald Interior Satin & Semi-Gloss K37 & K38 Series	YES
Eminence™ Ceiling Paint, A27	YES
Extreme Bond Bonding Primer, B51 Series	YES
Harmony Interior Latex Flat, Eg-Shel & Semi-Gloss B5, B9 & B10 Series	YES
Harmony Interior Latex Primer, B11	YES
Loxon® Acrylic Conditioner LX03 Series	YES
Loxon Concrete & Masonry Primer, LX02 Series	YES
Multi-Purpose Latex Primer, B51-450 Series	YES
Multi-Purpose Waterbased Acrylic-Alkyd Primer, B79W450	YES
PrepRite ProBlock Latex Primer, B51-620 Series	YES
ProMar 200 HP Zero VOC Interior Acrylic Low Gloss Eg-Shel, Eg-Shel, Semi-Gloss B41, B20 & B31-Series	YES
ProMar® 200 Zero VOC Interior Latex Eg-Shel, B20-2600 & 12651 Series	YES
ProMar® 200 Zero VOC Interior Latex Flat, B30-2600/12600 Series	YES
ProMar® 200 Zero VOC Interior Latex Low Gloss Eg-Shel, B41-2600 Series	YES
ProMar® 200 Zero VOC Interior Latex Low Sheen, B24-2600 Series	YES
ProMar® 200 Zero VOC Interior Latex Semi-Gloss, B31-2600 Series	YES
ProMar® 200 Zero VOC Interior Latex Gloss, B21-12650 Series	YES
ProMar® 200 Zero VOC Primer, B28W2600	YES
ProMar® 400 Zero VOC Interior Latex Eg-Shel, B20-4600 Series	YES
ProMar® 400 Zero VOC Interior Latex Flat, B30-4600 Series	YES
ProMar® 400 Zero VOC Interior Latex Low Sheen, B24-4600 Series	YES
ProMar® 400 Zero VOC Interior Latex Semi-Gloss, B31-4600 Series	YES
ProMar® 400 Zero VOC Interior Latex Gloss, B21-4650 Series	YES
ProMar® 400 Zero VOC Primer, B28W4600	YES
ProMar Ceiling Paint, A27W5050	YES
Pro Industrial™ Acrylic, Gloss, Semi-Gloss & Eg-Shel, B66-600/1660 Series	YES
Pro Industrial™ DTM Primer/Finish, B66-11	YES
Pro Industrial™ Heavy Duty Block Filler, B42W00150	YES
Pro Industrial™ Pre-Catalyzed Epoxy Eg-Shel & Semi-Gloss, K45 & K46-1150 Series	YES
Pro Industrial™ Pro-Cryl® Universal Primer Off White, Medium Grey & Red Oxide B66-1300 Series	YES
Pro Industrial™ Water Based Catalyzed Epoxy, B73-300 Series	YES
Quick Dry Stain Blocking Primer, B51W8670	YES
Solo® Interior/Exterior Flat, Eg-Shel, Satin, Semi-Gloss & Gloss, A74, A75, A73, A76 & A77-51 Series	YES
Tuff Surface™ Knock Down Flat & Eg-Shel Texture, A44W1050 & A44W1350	YES
Loxon Water Blocking Primer/Finish, LX12 Series	YES
Waterborne Acrylic Dry-Fall -Flat, Eg-Shel & Semi-Gloss White, B42W181, B42W82 & B42W83	YES

October 31, 2016 was the last day to register LEED® projects under any of the LEED 2009 rating systems

IEQ Credit 4: Low-Emitting Materials Credit Options

CREEDIT 4.2. Paints and Coatings: All paints and coatings used on the interior of the building (i.e., inside of the weatherproofing system and applied on-site) must meet the testing and product requirements of the California Department of Health Services Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers, including 2004 Addenda.

The products listed above have been independently certified by UL Environment in accordance with “UL 2818 –GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings,” and/or Standard referenced: CDPH/EHLB/Standard Method V1.2 (January 2017) “Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers” (aka CA Section 01350). For more information, see <http://www.cdph.ca.gov> Building products and Interior finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using the applicable exposure scenario(s).

GREENGUARD Certified products are certified to UL GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com. Certificates can be found on: greenguard.org or ul.com

Product links directly to their respective certificates for convenience.

LEED®v4 New Construction, Core and Shell, Schools, Healthcare, Hospitality Contributes toward satisfying EQ CREDIT: INDOOR ENVIRONMENTAL QUALITY <small>7/25/2019</small> — LOW-EMITTING MATERIALS- EMISSIONS TESTING					updated 03/22/2021	
PRODUCTS	PRODUCT NUMBERS	GREENGUARD GOLD CDPH v1.2	TVOC	CARB/SCAQMD Category^	VOC†	
ColorCast Ecotoner™(CCE) Architectural Colorant	CCE-AC series	Yes	0.5 mg/m3 or less	Colorant Architectural	<50 g/L	
Pro Industrial™ Waterborne Acrylic Dryfall Flat White, Black & Ultradeep	B42W00181 B42B00081 B42T00081	Yes	0.5 mg/m3 or less	Dry Fog	<50 g/L	
Pro Industrial™ Waterborne Acrylic Dryfall Eg-Shel	B42W00082	Yes	0.5 mg/m3 or less	Dry Fog	<50 g/L	
Pro Industrial™ Waterborne Acrylic Dryfall Eg-Shel	B42W00182	Yes	between 0.5 & 5.0 mg/m3	Dry Fog	<50 g/L	
Pro Industrial™ Waterborne Acrylic Dryfall Eg-Shel	B42W00083	Yes	between 0.5 & 5.0 mg/m3	Dry Fog	<50 g/L	
EcoSelect® Zero VOC Interior Latex Flat	A21W01851 & 853 Series	Yes	0.5 mg/m3 or less	Flat	<50 g/L	
Emerald® Interior Latex Flat & Matte	K35 & K36- Series	Yes	0.5 mg/m3 or less	Flat	<50 g/L	
Eminence® Interior Latex Flat Ceiling Paint	A27	Yes	0.5 mg/m3 or less	Flat	<50 g/L	
Harmony® Interior Flat Latex	B05-1050 Series	Yes	0.5 mg/m3 or less	Flat	<50 g/L	
ProMar® 200 Zero VOC Interior Latex Flat, Low Gloss & Low Sheen	B30, B41 & B24W2650 Series	Yes	0.5 mg/m3 or less	Flat	<50 g/L	
ProMar® 400 Zero VOC Interior Latex Flat & Low Sheen	B30 & B24-4650 Series	Yes	0.5 mg/m3 or less	Flat	<50 g/L	
ProMar® Ceiling Paint,	A27W5050	Yes	0.5 mg/m3 or less	Flat	<50 g/L	
Solo® Interior/Exterior Flat	A74 Series	Yes	0.5 mg/m3 or less	Flat	<50 g/L	
SuperPaint with Air Purifying Technology¹ Flat	A86W00061	Yes	0.5 mg/m3 or less	Flat	<50 g/L	
Tuff Surface™ Premium Texture Coating Flat	A44W01050	Yes	0.5 mg/m3 or less	Flat	<50 g/L	
Loxon Water Blocking Primer/Finish	LX12 Series	Yes	0.5 mg/m3 or less	Flat	<50 g/L	
All Surface Enamel Satin & Gloss A41-1350 & A41-1250 Series-US Only	A41-1350 & A41-1250 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L	
EcoSelect Zero VOC Interior Latex Eg-Shel & Semi-Gloss	A22 & A20-850 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L	
Emerald Interior Latex Satin & Semi-Gloss	K37 & K38 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L	
Harmony Interior Eg-Shel & Semi-Gloss	B09 & B10-1050 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L	
ProMar® 200 HP Zero VOC Interior Acrylic Eg-Shel	B20-1900 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L	
ProMar® 200 HP Zero VOC Interior Acrylic Low Gloss Eg-Shel	B41-1900 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L	
ProMar® 200 HP Zero VOC Interior Acrylic Semi-Gloss	B31-1950 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L	
ProMar® 200 Zero VOC Interior Latex Eg-Shel, Semi-Gloss	B20-2650, B20-12651 & B31-2650 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L	
ProMar® 200 Zero VOC Interior Latex Low Gloss Eg-Shel	B41-2600 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L	
ProMar® 400 Zero VOC Interior Latex Eg-Shel, Semi-Gloss	B20 & B31-4650 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L	
ProMar® 200 & 400 Zero VOC Interior Latex Gloss	B21-12650 Series B21-4650 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L	
Solo® Interior/Exterior Eg-Shel ,Satin, Semi-Gloss & Gloss	A75, A73, A76 & A77-51 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L	
SuperPaint with Air Purifying Technology¹ Satin & Semi-Gloss	A87, A88W61 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L	
Armorseal® 8100 Water Based Epoxy Floor Coating	B70-8100/8160 Series	Yes	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L	
Pro Industrial™ Acrylic Coating, Eg-Shel, Semi-Gloss, Gloss	B66-660, B66-1660, 650 & 600 Series	Yes	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L	
Pro Industrial™ DTM Primer/Finish	B66W00011	Yes	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L	
Pro Industrial™ Pre-Catalyzed Epoxy Eg-Shel & Semi-Gloss	K45 & K46-1150 Series	Yes	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L	
Pro Industrial™ Pre-Catalyzed Waterbased Urethane	B65W01121	Yes	between 0.5 & 5.0 mg/m3	Industrial Maintenance	<100 g/L	
Pro Industrial Pro-Cryl® Primer Off White, Medium Grey & Red Oxide	B66-1300 Series	Yes	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L	
Pro Industrial™ Water Based Acrolon 100	B65W00721/B65V00720	Yes	0.5 mg/m3 or less	Industrial Maintenance	<100 g/L	
Pro Industrial™ Water Based Catalyzed Epoxy, Gloss & Eg-Shel	B73-300 Series	Yes	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L	
Pro Industrial™ Heavy Duty Block Filler, B42W00150	B42W00150	Yes	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L	
ConFlex™ Block Filler	CF01W0050	Yes	between 0.5 & 5.0 mg/m3	P,S,U	<50 g/L	
Extreme Bond™ Bonding Primer	B51-1100 Series	Yes	0.5 mg/m3 or less	P,S,U	<50 g/L	
Harmony Interior Latex Primer	B11W01500	Yes	0.5 mg/m3 or less	P,S,U	<50 g/L	
Loxon® Acrylic Conditioner Clear & Guide Coat White	LX03 Series	Yes	0.5 mg/m3 or less	P,S,U	<50 g/L	
Loxon Concrete & Masonry Primer	LX02 Series	Yes	0.5 mg/m3 or less	P,S,U	<50 g/L	
Multi-Purpose Latex Primer	B51-450 Series	Yes	0.5 mg/m3 or less	P,S,U	<50 g/L	
Multi-Purpose Waterbased Acrylic Alkyd Primer	B79-450 Series	Yes	0.5 mg/m3 or less	P,S,U	<50 g/L	
PrepRite® ProBlock® Int/Ext Latex Primer/Sealer	B51-620 Series	Yes	0.5 mg/m3 or less	P,S,U	<50 g/L	
ProMar® 200 & 400 Zero VOC Interior Latex Primer	B28W02600 B28W04600	Yes	0.5 mg/m3 or less	P,S,U	<50 g/L	
PVA Drywall Primer	B28W08020	Yes	0.5 mg/m3 or less	P,S,U	<50 g/L	
Quick Dry Interior/Exterior Stain Blocking Primer	B51W08670	Yes	0.5 mg/m3 or less	P,S,U	<50 g/L	
Zinc Clad III HS 100 (Part A, Part B, and Zinc Clad Zinc Dust Part F)	B69A110/B69V110/B69D11	Yes	0.5 mg/m3 or less	Zinc Rich IM Primer	<100 g/L	

This information is furnished only as a guide and is not all-inclusive of available Sherwin-Williams products.

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

LEED®v4 New Construction, Core and Shell, Schools, Healthcare, Hospitality
Contributes toward satisfying EQ CREDIT: INDOOR ENVIRONMENTAL
QUALITY- LOW-EMITTING MATERIALS 7/25/2019

updated 03/01/2021

Option 1. Product Category Calculations Achieve the threshold level of compliance with emissions and content standards for the number of product categories. **Thresholds of compliance with emissions and content standards Interior paints and coatings applied on site At least 90%, by volume, for emissions; 100% for VOC content • General Emissions Evaluation for paints and coatings applied to walls, floors, and ceilings • VOC content requirements for wet applied products Additional VOC content requirements for wet-applied products.** In addition to meeting the general requirements for VOC emissions (above), on-site wet-applied products must not contain excessive levels of VOCs, for the health of the installers and other tradesworkers who are exposed to these products. To demonstrate compliance, a product or layer must meet the following requirements, as applicable. Disclosure of VOC content must be made by the manufacturer. Any testing must follow the test method specified in the applicable regulation. All paints and coatings wet-applied on site must meet the applicable VOC limits of the California Air Resources Board (CARB) 2007, Suggested Control Measure (SCM) for Architectural Coatings, or the South Coast Air Quality Management District (SCAQMD) Rule 1113, effective June 3, 2011. For projects in North America, methylene chloride and perchloroethylene may not be intentionally added in paints, coatings, adhesives, or sealants. The products listed above have been independently certified by UL Environment in accordance with “UL 2818 –GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings, ” and/or Standard referenced: CDPH/EHLB/Standard Method V1.2 (January 2017) “Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers” (aka CA Section 01350). For more information, see <http://www.cdph.ca.gov> Building products and Interior finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using the applicable exposure scenario(s). GREENGUARD Certified products are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com. Certificates can be found on: www.greenguard.org or www.Ul.com P,S,U= Primer, Sealer, Undercoater ^Category classification based on SCAQMD Rule 1113, 2011 and CARB 2007 SCM definitions.

Intent

To reduce concentrations of chemical contaminants that can damage air quality, human health, productivity, and the environment.

Requirements

This credit includes requirements for product manufacturing as well as project teams. It covers volatile organic compound (VOC) emissions in the indoor air and the VOC content of materials, as well as the testing methods by which indoor VOC emissions are determined. Different materials must meet different requirements to be considered compliant for this credit. The building interior and exterior are organized in seven categories, each with different thresholds of compliance. The building interior is defined as everything within the waterproofing membrane. The building exterior is defined as everything outside and inclusive of the primary and secondary weatherproofing system, such as waterproofing membranes and air- and water-resistive barrier materials.

Option 1. Product Category Calculations

Achieve the threshold level of compliance with emissions and content standards for the number of product categories.

Table 1. Thresholds of compliance with emissions and content standards

Category	Threshold	Emissions and content requirements
Interior paints and coatings applied on site	At least 90%, by volume, for emissions; 100% for VOC content	<ul style="list-style-type: none"> • General Emissions Evaluation for paints and coatings applied to walls, floors, and ceilings • VOC content requirements for wet applied products

General emissions evaluation. Building products must be tested and determined compliant in accordance with California Department of Public Health (CDPH) Standard Method v1.1–2010, (current CDPH is V1.2-2017) using the applicable exposure scenario. The default scenario is the private office scenario. The manufacturer’s or third-party certification must state the exposure scenario used to determine compliance. Claims of compliance for wet-applied products must state the amount applied in mass per surface area.

Manufacturers’ claims of compliance with the above requirements must also state the range of total VOCs after 14 days (336 hours), measured as specified in the CDPH Standard Method v1.1 (current CDPH is V1.2-2017):

- 0.5 mg/m3 or less;
- between 0.5 and 5.0 mg/m3; or
- 5.0 mg/m3 or more.

Additional VOC content requirements for wet-applied products. In addition to meeting the general requirements for VOC emissions (above), on-site wet-applied products must not contain excessive levels of VOCs, for the health of the installers and other tradesworkers who are exposed to these products. To demonstrate compliance, a product or layer must meet the following requirements, as applicable. Disclosure of VOC content must be made by the manufacturer. Any testing must follow the test method specified in the applicable regulation.

- All paints and coatings wet-applied on site must meet the applicable VOC limits of the California Air Resources Board (CARB) 2007, Suggested Control Measure (SCM) for Architectural Coatings, or the South Coast Air Quality Management District (SCAQMD) Rule 1113, effective June 3, 2011.
- For projects in North America, methylene chloride and perchloroethylene may not be intentionally added in paints, coatings, adhesives, or sealants.

Definitions:

- µg/m³**= Microgram per cubic meter
- mg/m³**= Milligram per cubic meter
- 1 µg/m³** = .001 Milligrams

interior wall and ceiling finish all the layers comprising the exposed interior surfaces of buildings, including fixed walls, fixed partitions, columns, exposed ceilings, and interior wainscoting, paneling, interior trim or other finish applied mechanically or for decoration, acoustical correction, surface fire resistance, or similar purposes.

building interior everything inside a structure’s weatherproofing membrane

building exterior a structure’s primary and secondary weatherproofing system, including waterproofing membranes and air- and water-resistant barrier materials, and all building elements outside that system

Category classification based on SCAQMD Rule 1113, 2011 and CARB 2007 SCM definitions.

Healthcare, Schools only

Exterior applied products. Adhesives, sealants, coatings, roofing, and waterproofing materials applied on site must meet the VOC limits of California Air Resources Board (CARB) 2007 Suggested Control Measure (SCM) for Architectural Coatings, and South Coast Air Quality Management District (SCAQMD), Rule 1168, effective July 1, 2005. Small containers of adhesives and sealants subject to state or federal consumer product VOC regulations are exempt.

Submit a list of all exterior applied materials and products used on site.

Identify the regulatory VOC content, allowable VOC limit, and the total volume used on site for each product to determine whether 90% by volume has been achieved. The regulatory VOC content must be expressed as g/L less water and exempt solvents except for low-solids coatings, which show the content in g/L less exempt solvents.

Certificates can be downloaded from the links or found on: spot.ul.com or Ul.com or on paintdocs.com

Product Numbers link directly to their respective certificates for convenience.

LEED®v4 New Construction, Core and Shell, Schools, Healthcare, Hospitality Contributes toward satisfying MR CREDIT: BUILDING PRODUCT DISCLOSURE AND OPTIMIZATION— <u>ENVIRONMENTAL PRODUCT DECLARATIONS (EPD)</u> Product-specific Type III EPD -- Products with third-party validation						updated 03/09/2021
PRODUCTS	PRODUCT NUMBERS	Declaration Number	Issue Date	Period of Validity	Program Operator	Product-Specific Type III EPD
ArmorSeal 8100 Waterbased Floor Epoxy	B70-8100/8600 Series	EPD10272	10/11/2019	5 Years	NSF® International	NSF® Certified EPD
ConFlex Block Filler	CF01W0050	EPD10247	05/30/2019	5 Years	NSF® International	NSF® Certified EPD
Emerald® Interior Flat, Matte & Satin	K35, K36 & K37W00451	EPD10094	10/06/2016	5 Years	NSF® International	NSF® Certified EPD
Harmony® Interior Flat & Eg-Shel	B05W01051, B09W01051	EPD10546	03/05/2021	5 Years	NSF® International	NSF® Certified EPD
Harmony® Interior Semi-Gloss	B10W01051	EPD10546	03/05/2021	5 Years	NSF® International	NSF® Certified EPD
Harmony® Interior Primer	B11W01500	EPD10546	03/05/2021	5 Years	NSF® International	NSF® Certified EPD
Loxon® Concrete and Masonry Primer	LX02W0050	EPD10544	03/05/2021	5 Years	NSF® International	NSF® Certified EPD
Multi-Purpose Latex Primer	B51W00450 & B51W00453	EPD10248	05/30/2019	5 Years	NSF® International	NSF® Certified EPD
PrepRite® ProBlock®	B51W00620 B51W00623	EPD10547	03/05/2021	5 Years	NSF® International	NSF® Certified EPD
Pro Industrial™ Acrylic	B66-670, B66-1661, B66-600, B66-650, B66-600 Series	EPD10548	03/05/2021	5 Years	NSF® International	NSF® Certified EPD
Pro Industrial™ DTM Acrylic	B66-1250, B66-1150, B66-1050 Series	EPD10550	03/05/2021	5 Years	NSF® International	NSF® Certified EPD
Pro Industrial™ DTM Primer/Finish	B66W00011	EPD10135	05/30/2018	5 Years	NSF® International	NSF® Certified EPD
Pro Industrial™ Heavy Duty Block Filler	B42W00150	EPD10133	05/30/2018	5 Years	NSF® International	NSF® Certified EPD
Pro Industrial™ Pre-Catalyzed Water-based Epoxy Eg-Shel	K45W01151, K45W01153 & K45T01154	EPD01249	05/30/2019	5 Years	NSF® International	NSF® Certified EPD
Pro Industrial™ Pre-Catalyzed Water-based Epoxy Semi-Gloss	K46W01151, K46W01153 & K46T01154	EPD01249	05/30/2019	5 Years	NSF® International	NSF® Certified EPD
Pro Industrial™ Pro-Cryl Primer	B66W01310	EPD10134	05/30/2018	5 Years	NSF® International	NSF® Certified EPD
Pro Industrial™ Waterbased Catalyzed Epoxy	B73-360, B73-300, B73V300 Series	EPD10551	03/05/2021	5 Years	NSF® International	NSF® Certified EPD
Pro Industrial™ Waterborne Dryfall	B42W181, B42W82, B42W182, B42W83, B42T81, B42B81	EPD10549	03/05/2021	5 Years	NSF® International	NSF® Certified EPD
ProMar 200 HP Zero VOC Interior Latex Eg-Shel, Low Gloss Eg-Shel & S/G	B41W01951, B20W01951 & B31W01951	EPD10136	08/08/2018	5 Years	NSF® International	NSF® Certified EPD
ProMar® 200 Zero VOC Interior Latex Flat	B30W12651, B30W02653, B30T02654, B30W12650, B30R02658, B30Y02657	EPD10477	11/10/2020	5 Years	NSF® International	NSF® Certified EPD
ProMar® 200 Zero VOC Interior Latex Low Sheen & Low Gloss Eg-Shel	B24W02650 & B41W02650 Series	EPD10477	11/10/2020	5 Years	NSF® International	NSF® Certified EPD
ProMar® 200 Zero VOC Interior Latex Eg-Shel	B20W12650, B20W12651, B20W02653, B20T02654, B20R02658, B20Y02657	EPD10477	11/10/2020	5 Years	NSF® International	NSF® Certified EPD
ProMar® 200 Zero VOC Interior Latex Semi-Gloss	B31W02650 Series	EPD10477	11/10/2020	5 Years	NSF® International	NSF® Certified EPD
ProMar® 200 Zero VOC Interior Latex Gloss	B21W12651	EPD10477	11/10/2020	5 Years	NSF® International	NSF® Certified EPD
ProMar® 200 Zero VOC Interior Latex Primer	B28W02600	EPD10477	11/10/2020	5 Years	NSF® International	NSF® Certified EPD
ProMar® 400 Zero VOC Interior Flat & Eg-Shel	B30W04651 & B20W04651	EPD10085	02/10/2017	5 Years	NSF® International	NSF® Certified EPD
ProMar® 400 Zero VOC Interior Low Sheen & Semi-Gloss	B24W04651 & B31W04651	EPD10085	02/10/2017	5 Years	NSF® International	NSF® Certified EPD
ProMar® 400 Zero VOC Interior Primer	B28W04600	EPD10085	02/10/2017	5 Years	NSF® International	NSF® Certified EPD
Tuff Surface®	A44W01050, A44W01350	EPD10250	05/30/2019	5 Years	NSF® International	NSF® Certified EPD

Per USGBC LEED v4: Intent:

To encourage the use of products and materials for which life-cycle information is available and that have environmentally, economically, and socially preferable life-cycle impacts. To reward project teams for selecting products from manufacturers who have verified improved environmental life-cycle impacts.

Requirements:

NC, CS, SCHOOLS, RETAIL, DATA CENTERS, WAREHOUSES & DISTRIBUTION CENTERS, HOSPITALITY, HEALTHCARE

Achieve one or more of the options below, for a maximum of 2 points.

Option 1. Environmental Product Declaration (EPD) (1 point)

Use at least 20 different permanently installed products sourced from at least five different manufacturers that meet one of the disclosure criteria below.

- **Environmental Product Declarations which conform to ISO 14025 and EN 15804 or ISO 21930 and have at least a cradle to gate scope.**

Product-specific Type III EPD -- Products with third-party certification (Type III), including external verification in which the manufacturer is explicitly recognized as the participant by the program operator are valued as one whole product for purposes of credit achievement calculation.

This EPD was independently verified by NSF International in accordance with ISO 21930 and ISO 14025, by NSF International ncss@nsf.org,

<http://info.nsf.org/Certified/Sustain/listings.asp?ProdCat=EPD> This life cycle assessment was independently verified in accordance with ISO 14044 and the reference PCR by NSF International ncss@nsf.org. Certificates can be found on: ncss@nsf.org, <http://info.nsf.org/Certified/Sustain/listings.asp?ProdCat=EPD> or www.paintdocs.com



P,S,U= **Primer, Sealer, Undercoater** ^Category classification based on SCAQMD Rule 1113, 2011 and CARB 2007 SCM definitions.

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

Product Numbers link directly to their respective certificates for convenience.

LEED®v4 New Construction, Core and Shell, Schools, Healthcare, Hospitality Contributes toward satisfying MR CREDIT: BUILDING PRODUCT DISCLOSURE AND OPTIMIZATION – MATERIAL INGREDIENTS-PRODUCT LENS CERTIFICATION					updated 03/01/2021
PRODUCTS	PRODUCT NUMBERS	LEED v4 Qualifications	Assessor	3rd party Certifier	Certification Period
Emerald Interior Flat, Matte & Satin	K35, K36, K37 & K38W00300/400 Series	LEED BPDO Credit: Material Ingredients Option 1	MBDC Basis methodology v3.0*	UL Product Lens Certified	6/2020-6/2022
Loxon Concrete & Masonry Primer	LX02W0050	LEED BPDO Credit: Material Ingredients Option 1	MBDC Basis methodology v3.0*	UL Product Lens Certified	6/2020-6/2022
PrepRite ProBlock Latex	B51W00620 & B51W00623	LEED BPDO Credit: Material Ingredients Option 1	MBDC Basis methodology v3.0*	UL Product Lens Certified	6/2020-6/2022
ProMar 200 Zero VOC Interior Latex Flat	B30-2650/12651 Series	LEED BPDO Credit: Material Ingredients Option 1	MBDC Basis methodology v3.0*	UL Product Lens Certified	7/2020-7/2023
ProMar 200 Zero VOC Interior Latex Low Sheen	B24-2650 Series	LEED BPDO Credit: Material Ingredients Option 1	MBDC Basis methodology v3.0*	UL Product Lens Certified	7/2020-7/2023
ProMar 200 Zero VOC Interior Latex Low Gloss Eg-Shel	B41-2650 Series	LEED BPDO Credit: Material Ingredients Option 1	MBDC Basis methodology v3.0*	UL Product Lens Certified	7/2020-7/2023
ProMar 200 Zero VOC Interior Latex Eg-Shel	B20-2650, B20-12651 Series	LEED BPDO Credit: Material Ingredients Option 1	MBDC Basis methodology v3.0*	UL Product Lens Certified	7/2020-7/2023
ProMar 200 Zero VOC Interior Latex Semi-Gloss	B31-2650 Series	LEED BPDO Credit: Material Ingredients Option 1	MBDC Basis methodology v3.0*	UL Product Lens Certified	7/2020-7/2023
ProMar 200 Zero VOC Interior Latex Gloss	B21-12651	LEED BPDO Credit: Material Ingredients Option 1	MBDC Basis methodology v3.0*	UL Product Lens Certified	7/2020-7/2023
ProMar® 200 Zero VOC Interior Latex Primer	B28-Series	LEED BPDO Credit: Material Ingredients Option 1	MBDC Basis methodology v3.0*	UL Product Lens Certified	7/2020-7/2023

*Methodology based on Cradle to Cradle Certified™ Product Material Health Assessment Methodology v3.0

Per USGBC LEED v4:

Intent

To encourage the use of products and materials for which life-cycle information is available and that have environmentally, economically, and socially preferable life-cycle impacts. To reward project teams for selecting products for which the chemical ingredients in the product are inventoried using an accepted methodology and for selecting products verified to minimize the use and generation of harmful substances. To reward raw material manufacturers who produce products verified to have improved life-cycle impacts.

Requirements:

NC, CS, SCHOOLS, RETAIL NC, DATA CENTERS, WAREHOUSES & DISTRIBUTION CENTERS, HOSPITALITY NC, HEALTHCARE

Option 1. Material Ingredient Reporting (1 point)

Use at least 20 different permanently installed products from at least five different manufacturers that use any of the following programs to demonstrate the chemical inventory of the product to at least 0.1% (1000 ppm).

- **Product Lens Certification.**

For more information please visit: <http://www.usgbc.org/node/2616399?return=/credits/new-construction/v4/material-%26amp%3B-resources>

UL's Product Lens Certification is an ingredient disclosure tool that provides hazard information in context, fulfilling the new demands for product transparency.

The Product Lens certification is a result of collaboration between UL Environment, MBDC and Cradle to Cradle Product Innovation Institute, with UL basing the program's chemical assessment on the Materials Health Assessment Methodology from the Cradle to Cradle Certified™ Products program. The tool was developed in partnership with MBDC to meet and exceed the chemical disclosure requirements outlined by the design community and LEED®. With the program harmonized at the assessment level, manufacturers are able to progress further into the Cradle to Cradle certification programs as they desire.

Product Lens has been designed to meet credit requirements in LEED v4 for chemical disclosure (MR Credit: Building Product Disclosure and Optimization – Material Ingredients). All information is verified by UL, helping manufacturers address the skepticism inherent in self-disclosure, and signaling trust and legitimacy to specifiers and purchasers. Go to ul.com/spg to view the full, detailed materials ingredient list

Certificates can be found on: <http://productguide.ulenvironment.com/SearchResults.aspx?CertificationID=50>

P,S,U= Primer, Sealer, Undercoater

^Category classification based on SCAQMD Rule 1113, 2011 and CARB 2007 SCM definitions.

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.



Product Numbers link directly to their respective certificates for convenience.

LEED® v4 & v4.1 New Construction, Core and Shell, Schools, Healthcare, Hospitality Contributes toward satisfying PILOT CREDIT: INTEGRATED ANALYSIS OF BUILDING MATERIALS								update 03/01/21
PRODUCTS	PRODUCT NUMBERS	GREENGUARD GOLD	TVOC	CARB/ SCAQMD Category [^]	VOC [†]	Declaration Number	Product-Specific Type III EPD	LEED BPDO Credit: Material Ingredients Option 1
Emerald Interior Flat	K35W00451	Certified	0.5 mg/m3 or less	Flat	<50 g/L	EPD10094	NSF Certified EPD	UL Product Lens Certified
Emerald Interior Matte	K36W00451	Certified	0.5 mg/m3 or less	Flat	<50 g/L	EPD10094	NSF Certified EPD	UL Product Lens Certified
Emerald Interior Satin	K37W00451	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L	EPD10094	NSF Certified EPD	UL Product Lens Certified
Loxon Concrete & Masonry Primer	LX02W0050	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L	EPD10086	NSF Certified EPD	UL Product Lens Certified
PrepRite ProBlock Latex	B51W00620 & B51W00623	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L	EPD10087	NSF Certified EPD	UL Product Lens Certified
ProMar 200 Zero VOC Interior Latex Flat	B30W12651, B30W02653	Certified	0.5 mg/m3 or less	Flat	<50 g/L	EPD10477	NSF Certified EPD	UL Product Lens Certified
ProMar 200 Zero VOC Interior Latex Low Sheen	B24W02651	Certified	0.5 mg/m3 or less	Flat	<50 g/L	EPD10477	NSF Certified EPD	UL Product Lens Certified
ProMar 200 Zero VOC Interior Latex Eg-Shel	B20W12651, B20W02653, B20T02654	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L	EPD10477	NSF Certified EPD	UL Product Lens Certified
ProMar 200 Zero VOC Interior Latex Semi-Gloss	B31W02651	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L	EPD10477	NSF Certified EPD	UL Product Lens Certified
ProMar® 200 Zero VOC Interior Latex Primer	B28W02600	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L	EPD10477	NSF Certified EPD	UL Product Lens Certified

Per USGBC LEED v4:

Intent:

To encourage the use of products and materials for which life cycle information is available and that have environmentally, economically, and socially preferable life-cycle impacts. To inform decision-making by project teams by rewarding building material manufacturers that share life cycle health, safety and environmental information about their products.

Requirements:

Use at least three different permanently installed products that have a documented qualitative analysis of the potential health, safety and environmental impacts of the product in five stages of the product's life cycle (product assembly/manufacturing, building product installation, product use product maintenance, end of product life/reuse).

Analyze and consider:

- Intended and reasonably anticipated uses of the product,
- Potential hazardous exposures,
- Product service life,
- Waste generation and/or materials reuse,
- Contributions to health, safety and the environment, including improvements to occupant safety, air quality, water quality, materials reuse, energy efficiency, and carbon mitigation.

Credit Specific

- Where verified quantitative information is available (e.g. EPDs, LCAs, ecolabels, standards), please include that information.
- If quantitative information is not available, qualitatively describe potential impacts.
- Note where information was not available and document the sources checked. If an impact isn't present at a specific life cycle phase, indicate it as non-applicable and briefly explain why that is the case.

Integrative Analysis LEED Pilot Credit documentation can be downloaded by product number and listed as IABM at: www.paintdocs.com

P,S,U= Primer, Sealer, Undercoater

[^]Category classification based on SCAQMD Rule 1113, 2011 and CARB 2007 SCM definitions.

[†]Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

This information is furnished only as a guide and is not all-inclusive of available Sherwin-Williams products.

LEED®v4 Healthcare & Schools California Air Resources Board (CARB) 2007 Suggested Control Measures (SCM) for Architectural Coatings Contributes toward satisfying Compliant Exterior Coatings (update 07/25/2019)		updated 03/01/2021
PRODUCTS	CARB 2007 SCM CATEGORY[^]	PRODUCT VOCs[†]
A-100® Exterior Flat Latex, A6 Series	FLAT	<50 g/L
DuraCraft™ Exterior Flat, C01 Series	FLAT	<50 g/L
Duration® Exterior Acrylic Flat, K32 Series	FLAT	<50 g/L
Emerald® Exterior Flat, K47 Series	FLAT	<50 g/L
Emerald® Rain Refresh™ K47-1900 Series	FLAT	<50 g/L
Latitude™ Exterior Flat K60-600 Series	FLAT	<50 g/L
Resilience® Latex Flat, K42 Series	FLAT	<50 g/L
SuperPaint® Exterior Flat, A80 Series	FLAT	<50 g/L
Solo® Interior/Exterior Flat, A74 Series	FLAT	<50 g/L
Porch & Floor Enamel, A32 Series	FLOOR	<50 g/L
Pro Industrial™ Acrylic, Gloss, Semi-Gloss & Eg-Shel, B66-600/1660 Series	INDUSTRIAL MAINTENANCE	<50 g/L
Pro Industrial™ DTM Primer/Finish, B66-11	INDUSTRIAL MAINTENANCE	<50 g/L
Pro Industrial™ Heavy Duty Block Filler, B42W00150	INDUSTRIAL MAINTENANCE	<50 g/L
Pro Industrial™ Pre-Catalyzed Waterbased Urethane , B65W01120 Series	INDUSTRIAL MAINTENANCE	<100 g/L
Pro Industrial™ Pro-Cryl® Universal Primer Off White, Medium Grey & Red Oxide B66-1300 Series	INDUSTRIAL MAINTENANCE	<50 g/L
Pro Industrial™ Water Based Acrolon 100 B65W721 Series	INDUSTRIAL MAINTENANCE	<100 g/L
A-100® Exterior Latex Satin & Gloss, A82 & A8 Series	NON-FLAT	<50 g/L
DuraCraft™ Exterior Satin & Gloss, C07 & C14 Series	NON-FLAT	<50 g/L
Duration Exterior Low Lustre, Satin & Gloss K30, K33 & K34 Series	NON-FLAT	<50 g/L
Emerald Exterior Satin & Gloss K48 & K49 Series	NON-FLAT	<50 g/L
Emerald® Rain Refresh™ Satin & Gloss K48 & K49-1900 Series	NON-FLAT	<50 g/L
Latitude™ Exterior Satin & Gloss K62 & K64-600 Series	FLAT	<50 g/L
Resilience® Latex Satin & Gloss, K43 & K44 Series	NON-FLAT	<50 g/L
Solo® Interior/Exterior Eg-Shel, Satin, Semi-Gloss & Gloss, A75, A73, A76 & A77- Series	NON-FLAT	<50 g/L
SuperPaint® Exterior Satin & Gloss, A89 & A84 Series	NON-FLAT	<50 g/L
ConFlex Block Filler, CF01W0050	P,S,U	<100 g/L
Exterior Latex Primer, B42-Series	P,S,U	<100 g/L
Loxon® Concrete & Masonry Primer, LX02 Series	P,S,U	<50 g/L
Loxon® Acrylic Conditioner LX03 Series	P,S,U	<50 g/L
Loxon® Acrylic Block Surfacer, LX01 Series	P,S,U	<100 g/L
Multi-Purpose Latex Primer, B51-450 Series	P,S,U	<50 g/L
PrepRite® ProBlock® Latex Primer Sealer, B51-620 Series	P,S,U	<50 g/L
Loxon® Vertical Concrete Stain, LX31 Series	STAIN	<50 g/L
WoodScapes® Solid Color Stain, A15 Series	STAIN	<100 g/L
Pro-Park™ Waterborne Traffic Marking B97 Series	TRAFFIC COATINGS	<50 g/L
ConFlex XL Elastomeric High Build Coating, CF11 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
ConFlex 7% Siloxane Water Repellant, CF31T7	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
Loxon® XP Waterproofing System, LX11 & LX21 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
ConFlex® Flexible Concrete Waterproofer, CF14 & CF15 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
ConFlex Sherlastic® Elastomeric Coating, CF16 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L

Healthcare, Schools only

Exterior applied products. Adhesives, sealants, coatings, roofing, and waterproofing materials applied on site must meet the VOC limits of California Air Resources Board (CARB) 2007 Suggested Control Measure (SCM) for Architectural Coatings, and South Coast Air Quality Management District (SCAQMD), Rule 1168, effective July 1, 2005. Small containers of adhesives and sealants subject to state or federal consumer product VOC regulations are exempt.

Submit a list of all exterior applied materials and products used on site.

Identify the regulatory VOC content, allowable VOC limit, and the total volume used on site for each product to determine whether 90% by volume has been achieved. The regulatory VOC content must be expressed as g/L less water and exempt solvents except for low-solids coatings, which show the content in g/L less exempt solvents.

The coatings listed on this page are formulated without the use of cadmium, or lead.

[^]Category classification based on CARB 2007 SCM definitions. [†]Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

Product Numbers link directly to their respective certificates for convenience.

LEED®v4 for Interior Design and Construction CI, Retail & Hospitality EQ CREDIT: LOW-EMITTING PRODUCTS 07/25/2019				updated 03/01/2021	
PRODUCTS	PRODUCT NUMBERS	GREENGUARD GOLD (CDPH v1.2)	TVOC	CARB/SCAQMD Category [^]	VOC†
ColorCast Ecotoner™(CCE) Architectural Colorant	CCE-AC series	Certified	0.5 mg/m3 or less	Colorant Architectural	<50 g/L
Pro Industrial™ Waterborne Acrylic Dryfall Flat White, Black & Ultradeep	B42W00181 B42B00081 B42T00081	Certified	0.5 mg/m3 or less	Dry Fog	<50 g/L
Pro Industrial™ Waterborne Acrylic Dryfall Eg-Shel	B42W00082	Certified	0.5 mg/m3 or less	Dry Fog	<50 g/L
Pro Industrial™ Waterborne Acrylic Dryfall Eg-Shel	B42W00182	Certified	between 0.5 & 5.0 mg/m3	Dry Fog	<50 g/L
Pro Industrial™ Waterborne Acrylic Dryfall Semi-Gloss	B42W00083	Certified	between 0.5 & 5.0 mg/m3	Dry Fog	<50 g/L
EcoSelect® Zero VOC Interior Latex Flat	A21W01851 & 853 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Emerald® Interior Latex Flat & Matte	K35 & K36- Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Eminence® Interior Latex Flat Ceiling Paint	A27	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Harmony® Interior Flat Latex	B05-1050 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
ProMar® 200 Zero VOC Interior Latex Flat, Low Gloss & Low Sheen	B30 , B41 & B24W2650 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
ProMar® 400 Zero VOC Interior Latex Flat & Low Sheen	B30 & B24-4650 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Solo® Interior/Exterior Flat	A74 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
SuperPaint with Air Purifying Technology [!] Flat	A86W00061	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Tuff Surface™ Premium Texture Coating Flat	A44W01050	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Loxon Water Blocking Primer/Finish	LX12 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
All Surface Enamel Satin & Gloss A41-1350 & A41-1250 Series-US Only	A41-1350 & A41-1250 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
EcoSelect Zero VOC Interior Latex Eg-Shel & Semi-Gloss	A22 & A20-850 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
Emerald Interior Latex Satin & Semi-Gloss	K37 & K38 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
Harmony Interior Eg-Shel & Semi-Gloss	B09 & B10-1050 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 HP Zero VOC Interior Acrylic Eg-Shel	B20-1900 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 HP Zero VOC Interior Acrylic Low Gloss Eg-Shel	B41-1900 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 HP Zero VOC Interior Acrylic Semi-Gloss	B31-1950 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 Zero VOC Interior Latex Eg-Shel, Semi-Gloss	B20-2650 , B20-12651 & B31-2650 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 Zero VOC Interior Latex Low Gloss Eg-Shel	B41-2600 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 400 Zero VOC Interior Latex Eg-Shel, Semi-Gloss	B20 & B31-4650 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 & 400 Zero VOC Interior Latex Gloss	B21-12650 Series B21-4650 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
Solo® Interior/Exterior Eg-Shel ,Satin, Semi-Gloss & Gloss	A75 , A73 , A76 , & A77-51 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
SuperPaint with Air Purifying Technology [!] Satin & Semi-Gloss	A87 , A88W61 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
Armorseal® 8100 Water Based Epoxy Floor Coating	B70-8100/8160 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Acrylic Coating, Eg-Shel, Semi-Gloss, Gloss	B66-660 , B66-1660 , 650 & 600 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ DTM Primer/Finish	B66W00011	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Pre-Catalyzed Epoxy Eg-Shel & Semi-Gloss	K45 & K46-1150 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Pre-Catalyzed Waterbased Urethane	B65W01121	Certified	between 0.5 & 5.0 mg/m3	Industrial Maintenance	<100 g/L
Pro Industrial Pro-Cryl® Primer Off White, Medium Grey & Red Oxide	B66-1300 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Water Based Acrolon 100	B65W00721/B65V00720	Certified	0.5 mg/m3 or less	Industrial Maintenance	<100 g/L
Pro Industrial™ Water Based Catalyzed Epoxy, Gloss & Eg-Shel	B73-300 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Heavy Duty Block Filler, B42W00150	B42W00150	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
ConFlex™ Block Filler	CF01W0050	Certified	between 0.5 & 5.0 mg/m3	P,S,U	<50 g/L
Extreme Bond™ Bonding Primer	B51-1100 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Harmony Interior Latex Primer	B11W01500	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Loxon® Acrylic Conditioner Clear & Guide Coat White	LX03 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Loxon Concrete & Masonry Primer	LX02 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Multi-Purpose Latex Primer	B51-450 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Multi-Purpose Waterbased Acrylic Alkyd Primer	B79-450 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
PrepRite® ProBlock® Int/Ext Latex Primer/Sealer	B51-620 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
ProMar® 200 & 400 Zero VOC Interior Latex Primer	B28W02600 B28W04600	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
PVA Drywall Primer	B28W08020	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Quick Dry Interior/Exterior Stain Blocking Primer	B51W08670	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Zinc Clad III HS 100 (Part A, Part B, and Zinc Clad Zinc Dust Part F)	B69A110/B69V110/B69D11	Certified	0.5 mg/m3 or less	Zinc Rich IM Primer	<100 g/L

Option 1. Product Category Calculations Achieve the threshold level of compliance with emissions and content standards for the number of product categories. **Thresholds of compliance with emissions and content standards** Interior paints and coatings applied on site At least 90%, by volume, for emissions; 100% for VOC content • **General Emissions Evaluation for paints and coatings applied to walls, floors, and ceilings** • VOC content requirements for wet applied products **Additional VOC content requirements for wet-applied products.** In addition to meeting the general requirements for VOC emissions (above), on-site wet-applied products must not contain excessive levels of VOCs, for the health of the installers and other tradesworkers who are exposed to these products. To demonstrate compliance, a product or layer must meet the following requirements, as applicable. Disclosure of VOC content must be made by the manufacturer. Any testing must follow the test method specified in the applicable regulation. • All paints and coatings wet-applied on site must meet the applicable VOC limits of the California Air Resources Board (CARB) 2007, Suggested Control Measure (SCM) for Architectural Coatings, or the South Coast Air Quality Management District (SCAQMD) Rule 1113, effective June 3, 2011. • For projects in North America, methylene chloride and perchloroethylene may not be intentionally added in paints, coatings, adhesives, or sealants. **The products listed above have been independently certified by UL Environment in accordance with "UL 2818 – GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings," and/or Standard referenced: CDPH/EHLB/Standard Method V1.2 (January 2017) "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers" (aka CA Section 01350). For more information, see http://www.cdph.ca.gov Building products and interior finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using the applicable exposure scenario(s). GREENGUARD Certified products are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com. Certificates can be found on: www.greenguard.org or www.ul.com P,S,U= Primer, Sealer, Undercoater ^Category classification based on SCAQMD Rule 1113, 2011 and CARB 2007 SCM definitions. †Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.**

Product Numbers link directly to their respective certificates for convenience.

LEED®v4.1 New Construction, Core and Shell, Schools, Healthcare, Hospitality Contributes toward satisfying EQ CREDIT: INDOOR ENVIRONMENTAL QUALITY- <u>LOW-EMITTING MATERIALS</u> - <u>EMISSIONS TESTING</u> 02/2021					updated 03/01/2021
PRODUCTS	PRODUCT NUMBERS	GREENGUARD GOLD CDPH v1.2	TVOC	CARB/SCAQMD Category [^]	VOC†
ColorCast Ecotone™(CCE) Architectural Colorant	CCE-AC series	Yes	0.5 mg/m3 or less	Colorant Architectural	<50 g/L
Pro Industrial™ Waterborne Acrylic Dryfall Flat White, Black & Ultra Deep	B42W00181 B42B00081 B42T00081	Yes	0.5 mg/m3 or less	Dry Fog	<50 g/L
Pro Industrial™ Waterborne Acrylic Dryfall Eg-Shel	B42W00082	Yes	0.5 mg/m3 or less	Dry Fog	<50 g/L
Pro Industrial™ Waterborne Acrylic Dryfall Eg-Shel	B42W00182	Yes	between 0.5 & 5.0 mg/m3	Dry Fog	<50 g/L
Pro Industrial™ Waterborne Acrylic Dryfall Semi-Gloss	B42W00083	Yes	between 0.5 & 5.0 mg/m3	Dry Fog	<50 g/L
EcoSelect® Zero VOC Interior Latex Flat	A21W01851 & 853 Series	Yes	0.5 mg/m3 or less	Flat	<50 g/L
Emerald® Interior Latex Flat & Matte	K35 & K36- Series	Yes	0.5 mg/m3 or less	Flat	<50 g/L
Eminence® Interior Latex Flat Ceiling Paint	A27	Yes	0.5 mg/m3 or less	Flat	<50 g/L
Harmony® Interior Flat Latex	B05-1050 Series	Yes	0.5 mg/m3 or less	Flat	<50 g/L
ProMar® 200 Zero VOC Interior Latex Flat, Low Gloss & Low Sheen	B30, B41 & B24W2650 Series	Yes	0.5 mg/m3 or less	Flat	<50 g/L
ProMar® 400 Zero VOC Interior Latex Flat & Low Sheen	B30 & B24-4650 Series	Yes	0.5 mg/m3 or less	Flat	<50 g/L
Solo® Interior/Exterior Flat	A74 Series	Yes	0.5 mg/m3 or less	Flat	<50 g/L
SuperPaint with Air Purifying Technology ¹ Flat	A86W00061	Yes	0.5 mg/m3 or less	Flat	<50 g/L
Tuff Surface™ Premium Texture Coating Flat	A44W01050	Yes	0.5 mg/m3 or less	Flat	<50 g/L
Loxon Water Blocking Primer/Finish	LX12 Series	Yes	0.5 mg/m3 or less	Flat	<50 g/L
All Surface Enamel Satin & Gloss A41-1350 & A41-1250 Series-US Only	A41-1350 & A41-1250 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L
EcoSelect Zero VOC Interior Latex Eg-Shel & Semi-Gloss	A22 & A20-850 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L
Emerald Interior Latex Satin & Semi-Gloss	K37 & K38 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L
Harmony Interior Eg-Shel & Semi-Gloss	B09 & B10-1050 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 HP Zero VOC Interior Acrylic Eg-Shel	B20-1900 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 HP Zero VOC Interior Acrylic Low Gloss Eg-Shel	B41-1900 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 HP Zero VOC Interior Acrylic Semi-Gloss	B31-1900 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 Zero VOC Interior Latex Eg-Shel, Semi-Gloss	B20-2650, B20-12651 & B31-2650 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 Zero VOC Interior Latex Low Gloss Eg-Shel	B41-2600 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 400 Zero VOC Interior Latex Eg-Shel, Semi-Gloss	B20 & B31-4650 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 & 400 Zero VOC Interior Latex Gloss	B21-12650 Series B21-4650 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L
Solo® Interior/Exterior Eg-Shel, Satin, Semi-Gloss & Gloss	A75, A73, A76 & A77-51 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L
SuperPaint with Air Purifying Technology ¹ Satin & Semi-Gloss	A87, A88W61 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L
Armorseal® 8100 Water Based Epoxy Floor Coating	B70-8100/8160 Series	Yes	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Acrylic Coating, Eg-Shel, Semi-Gloss, Gloss	B66-660, B66-1660, 650 & 600 Series	Yes	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ DTM Primer/Finish	B66W00011	Yes	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Pre-Catalyzed Epoxy Eg-Shel & Semi-Gloss	K45 & K46-1150 Series	Yes	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Pre-Catalyzed Waterbased Urethane	B65W01121	Yes	between 0.5 & 5.0 mg/m3	Industrial Maintenance	<100 g/L
Pro Industrial Pro-Cryl® Primer Off White, Medium Grey & Red Oxide	B66-1300 Series	Yes	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Water Based Acrolon 100	B65W00721/B65V00720	Yes	0.5 mg/m3 or less	Industrial Maintenance	<100 g/L
Pro Industrial™ Water Based Catalyzed Epoxy, Gloss & Eg-Shel	B73-300 Series	Yes	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Heavy Duty Block Filler, B42W00150	B42W00150	Yes	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
ConFlex™ Block Filler	CF01W0050	Yes	between 0.5 & 5.0 mg/m3	P,S,U	<50 g/L
Extreme Bond™ Bonding Primer	B51-1100 Series	Yes	0.5 mg/m3 or less	P,S,U	<50 g/L
Harmony Interior Latex Primer	B11W01500	Yes	0.5 mg/m3 or less	P,S,U	<50 g/L
Loxon® Acrylic Conditioner Clear & Guide Coat White	LX03 Series	Yes	0.5 mg/m3 or less	P,S,U	<50 g/L
Loxon Concrete & Masonry Primer	LX02 Series	Yes	0.5 mg/m3 or less	P,S,U	<50 g/L
Multi-Purpose Latex Primer	B51-450 Series	Yes	0.5 mg/m3 or less	P,S,U	<50 g/L
Multi-Purpose Waterbased Acrylic Alkyd Primer	B79-450 Series	Yes	0.5 mg/m3 or less	P,S,U	<50 g/L
PrepRite® ProBlock® Int/Ext Latex Primer/Sealer	B51-620 Series	Yes	0.5 mg/m3 or less	P,S,U	<50 g/L
ProMar® 200 & 400 Zero VOC Interior Latex Primer	B28W02600 B28W04600	Yes	0.5 mg/m3 or less	P,S,U	<50 g/L
PVA Drywall Primer	B28W08020	Yes	0.5 mg/m3 or less	P,S,U	<50 g/L
Quick Dry Interior/Exterior Stain Blocking Primer	B51W08670	Yes	0.5 mg/m3 or less	P,S,U	<50 g/L
Zinc Clad III HS 100 (Part A, Part B, and Zinc Clad Zinc Dust Part F)	B69A110/B69V110/B69D11	Yes	0.5 mg/m3 or less	Zinc Rich IM Primer	<100 g/L

The coatings listed on this page are formulated without the use of methylene chloride, perchloroethylene, Cadmium or lead. The products listed above have been independently certified by UL Environment in accordance with "UL 2818 – GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings," and/or Standard referenced: CDPH/EHLB/Standard Method V1.2 (January 2017) "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers" (aka CA Section 01350). For more information, see <http://www.cdph.ca.gov>

P,S,U= Primer, Sealer, Undercoater [^]Category classification based on SCAQMD Rule 1113, Feb 5th, 2016 and CARB 2007 SCM definitions.

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

This information is furnished only as a guide and is not all-inclusive of available Sherwin-Williams products.

LEED® v4.1 New Construction, Core and Shell, Schools, Healthcare, Hospitality
Contributes toward satisfying EQ CREDIT: INDOOR ENVIRONMENTAL
QUALITY- LOW-EMITTING MATERIALS 02/2021

updated 03/01/2021

PER USGBC LEED v4.1:

Intent

To reduce concentrations of chemical contaminants that can damage air quality, human health, productivity, and the environment.

Requirements

NC, CS, SCHOOLS, RETAIL, DATA CENTERS, WAREHOUSES & DISTRIBUTION CENTERS, HOSPITALITY, HEALTHCARE

Use materials on the building interior (everything within the waterproofing membrane) that meet the low emitting criteria below. Points are awarded according to Table 1:

Table 1. Points for low-emitting materials	
2 product categories	1 point
3 product categories	2 points
4 product categories	3 points
5 product categories	3 points + exemplary performance
Reach 90% threshold in at least three product categories	Exemplary performance or 1 additional point if only 2 points achieved above.

Product Category Calculations
Thresholds of compliance with emissions and content standards

Category	Threshold	Emissions and content requirements
Interior paints and coatings applied on site	<p>At least 75% of all paints and coatings, by volume, or surface area meet the VOC emissions evaluation.</p> <p>AND</p> <p>100% meet for VOC content evaluation, a VOC budget may be used.</p> <p>The paints and coatings product category includes all interior paints and coatings wet applied on site.</p>	<p>• VOC Emissions Evaluation:</p> <p>Option 1. Product has been tested according to California Department of Public Health (CDPH) Standard Method v1.2–2017</p> <p>• VOC content evaluation:</p> <p>Product meets the VOC content limits outlined in one of the applicable standards below.</p>

VOC Emissions Evaluation:

Option 1. Product has been tested according to California Department of Public Health (CDPH) Standard Method v1.2–2017 and complies with the VOC limits in Table 4-1 of the method. Additionally, the range of total VOCs after 14 days (336 hours) was measured as specified in the CDPH Standard Method v1.2 and is reported (TVOC ranges: 0.5 mg/m³ or less, between 0.5 and 5 mg/m³, or 5 mg/m³ or more). Laboratories that conduct the tests must be accredited under ISO/IEC 17025 for the test methods they use. Products used in any setting other than schools and classrooms must be modeled to private office scenario. For schools projects, modeling to office and/or schools scenario is permitted.

The statement of product compliance must include the exposure scenario(s) used, the range of total VOCs, and must follow the product declaration guidelines in CDPH Standard Method v1.2–2017, Section 8. Manufacturer statements must also include a summary report from the laboratory that is less than three years old and the amount of wet-applied product applied in mass per surface area (if applicable). Organizations that certify manufacturers' claims must be accredited under ISO/IEC 17065.

VOC content evaluation:

Product meets the VOC content limits outlined in one of the applicable standards and for projects in North America, methylene chloride and perchloroethylene may not be intentionally added. Statement of product compliance must be made by the manufacturer or a USGBC-approved third-party. Any testing must follow the test method specified in the applicable regulation. If the applicable regulation requires subtraction of exempt compounds, any content of intentionally added exempt compounds larger than 1% weight by mass (total exempt compounds) must be disclosed.

• Paints and coatings:

- California Air Resource Board (CARB) 2007 Suggested Control Measure (SCM) for Architectural Coatings
- South Coast Air Quality Management District (SCAQMD) Rule 1113, effective February 5, 2016

Definitions:

µg/m³= Microgram per cubic meter

mg/m³= Milligram per cubic meter

1 µg/m³ = .001 Milligrams

interior wall and ceiling finish all the layers comprising the exposed interior surfaces of buildings, including fixed walls, fixed partitions, columns, exposed ceilings, and interior wainscoting, paneling, interior trim or other finish applied mechanically or for decoration, acoustical correction, surface fire resistance, or similar purposes.

building interior everything inside a structure's weatherproofing membrane

building exterior a structure's primary and secondary weatherproofing system, including waterproofing membranes and air- and water-resistant barrier materials, and all building elements outside that system

Category classification based on SCAQMD Rule 1113, February 5, 2016 and CARB 2007 SCM definitions.

Product Numbers link directly to their respective certificates for convenience.

Certificates can also be found on: greenguard.org or UL.com, spot.ul.com or on www.paintdocs.com

More on third party certifiers can be found here: <http://www.usgbc.org/resources/low-emitting-materials-third-party-certification-table>

Product Numbers link directly to their respective certificates for convenience.

LEED® v4.1 NC, CS, Schools, Retail, Healthcare, Hospitality Contributes toward satisfying MR CREDIT: ENVIRONMENTAL PRODUCT DECLARATIONS OPTION 1: ENVIRONMENTAL PRODUCT DECLARATIONS (EPD) Product-specific Type III EPD -- Products with third-party validation							updated 03/09/2021
PRODUCTS	PRODUCT NUMBERS	Declaration Number	Issue Date	Period of Validity	Program Operator	Product-Specific Type III EPD certified	Value
ArmorSeal 8100 Waterbased Floor Epoxy	B70-8100/8600 Series	EPD10272	10/11/2019	5 Years	NSF International	NSF Certified EPD	1.5 Product
ConFlex® Block Filler	CF01W0050	EPD10247	05/30/2019	5 Years	NSF International	NSF Certified EPD	1.5 Product
Emerald® Interior Flat, Matte & Satin	K35, K36 & K37W00451	EPD10094	10/06/2016	5 Years	NSF International	NSF Certified EPD	1.5 Product
Harmony® Interior Flat & Eg-Shel	B05W01051, B09W01051	EPD10546	03/05/2021	5 Years	NSF International	NSF Certified EPD	1.5 Product
Harmony® Interior Semi-Gloss	B10W01051	EPD10546	03/05/2021	5 Years	NSF International	NSF Certified EPD	1.5 Product
Harmony® Interior Primer	B11W01500	EPD10546	03/05/2021	5 Years	NSF International	NSF Certified EPD	1.5 Product
Loxon® Concrete and Masonry Primer	LX02W0050	EPD10544	03/05/2021	5 Years	NSF International	NSF Certified EPD	1.5 Product
Multi-Purpose Latex Primer	B51W00450, B51W00453	EPD10248	05/30/2019	5 Years	NSF International	NSF Certified EPD	1.5 Product
PrepRite® ProBlock®	B51W00620, B51W00623	EPD10547	03/05/2021	5 Years	NSF International	NSF Certified EPD	1.5 Product
Pro Industrial™ Acrylic	B66-670, B66-1661, B66-600, B66-650, B66-600 Series	EPD10548	03/05/2021	5 Years	NSF International	NSF Certified EPD	1.5 Product
Pro Industrial™ DTM Acrylic	B66-1250, B66-1150, B66-1050 Series	EPD10550	03/05/2021	5 Years	NSF International	NSF Certified EPD	1.5 Product
Pro Industrial™ DTM Primer/Finish	B66W00011	EPD10135	05/30/2018	5 Years	NSF International	NSF Certified EPD	1.5 Product
Pro Industrial™ Heavy Duty Block Filler	B42W00150	EPD10133	05/30/2018	5 Years	NSF International	NSF Certified EPD	1.5 Product
Pro Industrial™ Pre-Catalyzed Waterbased Epoxy	K45W01151, K45W01153 & K45T01154	EPD10249	05/30/2019	5 Years	NSF International	NSF Certified EPD	1.5 Product
Pro Industrial™ Pre-Catalyzed Waterbased Epoxy	K46W01151, K46W01153 & K46T01154	EPD10249	05/30/2019	5 Years	NSF International	NSF Certified EPD	1.5 Product
Pro Industrial™ Pro-Cryl Primer	B66W01310	EPD10134	05/30/2018	5 Years	NSF International	NSF Certified EPD	1.5 Product
Pro Industrial™ Waterbased Catalyzed Epoxy	B73-360, B73-300, B73V300 Series	EPD10551	03/05/2021	5 Years	NSF International	NSF Certified EPD	1.5 Product
Pro Industrial™ Waterborne Dryfall	B42W181, B42W82, B42W182, B42W83, B42T81, B42B81	EPD10549	03/05/2021	5 Years	NSF International	NSF Certified EPD	1.5 Product
ProMar 200 HP Zero VOC Interior Latex Eg-Shel, Low Gloss Eg-Shel & S/G	B41W01951, B20W01951 & B31W01951	EPD10136	08/08/2018	5 Years	NSF International	NSF Certified EPD	1.5 Product
ProMar® 200 Zero VOC Interior Latex Flat	B30W12651, B30W02653, B30T02654, B30W12650, B30R02658, B30Y02657	EPD10477	11/10/2020	5 Years	NSF International	NSF Certified EPD	1.5 Product
ProMar® 200 Zero VOC Interior Latex Low Sheen & Low Gloss Eg-Shel	B24W02650 & B41W02650 Series	EPD10477	11/10/2020	5 Years	NSF International	NSF Certified EPD	1.5 Product
ProMar® 200 Zero VOC Interior Latex Eg-Shel	B20W12650, B20W12651, B20W02653, B20T02654, B20R02658, B20Y02657	EPD10477	11/10/2020	5 Years	NSF International	NSF Certified EPD	1.5 Product
ProMar® 200 Zero VOC Interior Latex Semi-Gloss	B31W02650 Series	EPD10477	11/10/2020	5 Years	NSF International	NSF Certified EPD	1.5 Product
ProMar® 200 Zero VOC Interior Latex Gloss	B21W12651	EPD10477	11/10/2020	5 Years	NSF International	NSF Certified EPD	1.5 Product
ProMar® 200 Zero VOC Interior Latex Primer	B28W02600	EPD10477	11/10/2020	5 Years	NSF International	NSF Certified EPD	1.5 Product
ProMar® 400 Zero VOC Interior Flat & Eg-Shel	B30W04651 & B20W04651	EPD10085	02/10/2017	5 Years	NSF International	NSF Certified EPD	1.5 Product
ProMar® 400 Zero VOC Interior Low Sheen & Semi-Gloss	B24W04651 & B31W04651	EPD10085	02/10/2017	5 Years	NSF International	NSF Certified EPD	1.5 Product
ProMar® 400 Zero VOC Interior Primer	B28W04600	EPD10085	02/10/2017	5 Years	NSF International	NSF Certified EPD	1.5 Product
Tuff Surface®	A44W01050, A44W01350	EPD10250	05/30/2019	5 Years	NSF International	NSF Certified EPD	1.5 Product

Per USGBC LEED v4.1:

Intent:
To encourage the use of products and materials for which life-cycle information is available and that have environmentally, economically, and socially preferable life-cycle impacts. To reward project teams for selecting products from manufacturers who have verified improved environmental life-cycle impacts.

Requirements:
NC, CS, SCHOOLS, RETAIL, DATA CENTERS, WAREHOUSES & DISTRIBUTION CENTERS, HOSPITALITY, HEALTHCARE

Option 1. Environmental Product Declaration (EPD) (1 point)

Use at least 20 different permanently installed products sourced from at least five different manufacturers that meet one of the disclosure criteria below. (10 different permanently installed products from three different manufacturers for CS and Warehouses & Distribution Centers)

Environmental Product Declarations which conform to ISO 14025 and EN 15804 or ISO 21930 and have at least a cradle to gate scope.

- **Product-specific Type III EPD -- Products with third-party certification (Type III), including external verification and external critical review in which the manufacturer is explicitly recognized as the participant by the program operator are valued as 1.5 products for the purposes of credit achievement calculation.**

The above EPDs were independently verified by NSF International in accordance with ISO 21930 and ISO 14025, by NSF International ncss@nsf.org. Certificates can be found on: <http://info.nsf.org/Certified/Sustain/listings.asp?ProdCat=EPD> or www.paintdocs.com

This life cycle assessment was independently verified in accordance with ISO 14044 and the reference PCR by NSF International ncss@nsf.org

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.



LEED®v4.1 NC, CS, Schools, Retail, Healthcare, Hospitality
Contributes toward satisfying MR CREDIT:
ENVIRONMENTAL PRODUCT DECLARATIONS
OPTION 2: Embodied Carbon/LCA Optimization Action Plan

updated
03/01/2021

PRODUCTS	PRODUCT NUMBERS	Declaration Number	Period of Validity	Program Operator	Value
ConFlex™ Block Filler	CF01W0050	EPDAP-105	06/30/2019-06/30/2022	NSF International	.5 Product
Harmony® Interior Flat & Eg-Shel	B05W01051 , B09W01051	EPDAP-106	06/30/2019-06/30/2022	NSF International	.5 Product
Harmony® Interior Semi-Gloss	B10W01051	EPDAP-106	06/30/2019-06/30/2022	NSF International	.5 Product
Harmony® Interior Primer	B11W01500	EPDAP-106	06/30/2019-06/30/2022	NSF International	.5 Product
Loxon® Concrete and Masonry Primer	LX02W0050	EPDAP-104	06/30/2019-06/30/2022	NSF International	.5 Product
Multi-Purpose Latex Primer	B51W00450	EPDAP-107	06/30/2019-06/30/2022	NSF International	.5 Product
PrepRite® ProBlock®	B51W00620	EPDAP-108	06/30/2019-06/30/2022	NSF International	.5 Product
Pro Industrial™ Pre-Catalyzed Waterbased Epoxy	K45-Series	EPDAP-110	06/30/2019-06/30/2022	NSF International	.5 Product
ProMar 200 HP Zero VOC Interior Latex Eg-Shel, Low Gloss Eg-Shel & S/G	B41W01951 , B20W01951 & B31W01951	EPDAP-102	06/30/2019-06/30/2022	NSF International	.5 Product
ProMar® 200 Zero VOC Interior Latex Flat	B30W02653 , B30W12651	EPDAP-101	06/30/2019-06/30/2022	NSF International	.5 Product
ProMar® 200 Zero VOC Interior Latex Low Sheen & Low Gloss Eg-Shel	B24W02651 & B41W02651	EPDAP-101	06/30/2019-06/30/2022	NSF International	.5 Product
ProMar® 200 Zero VOC Interior Latex Eg-Shel	B20W02653 , B20T02654 , B20W12651 , B20W02651 , B20W02650 , ..	EPDAP-101	06/30/2019-06/30/2022	NSF International	.5 Product
ProMar® 200 Zero VOC Interior Latex Semi-Gloss & Gloss	B31W02651 & B21W12651	EPDAP-101	06/30/2019-06/30/2022	NSF International	.5 Product
ProMar® 200 Zero VOC Interior Latex Primer	B28W02600	EPDAP-101	06/30/2019-06/30/2022	NSF International	.5 Product
ProMar® 400 Zero VOC Interior Flat & Eg-Shel	B30W04651 & B20W04651	EPDAP-103	06/30/2019-06/30/2022	NSF International	.5 Product
ProMar® 400 Zero VOC Interior Low Sheen & Semi-Gloss	B24W04651 & B31W04651	EPDAP-103	06/30/2019-06/30/2022	NSF International	.5 Product
ProMar® 400 Zero VOC Interior Primer	B28W04600	EPDAP-103	06/30/2019-06/30/2022	NSF International	.5 Product

Per USGBC LEED v4.1:

Intent:
To encourage the use of products and materials for which life-cycle information is available and that have environmentally, economically, and socially preferable life-cycle impacts. To reward project teams for selecting products from manufacturers who have verified improved environmental life-cycle impacts.

Requirements:

NC, CS, SCHOOLS, RETAIL, DATA CENTERS, WAREHOUSES & DISTRIBUTION CENTERS, HOSPITALITY, HEALTHCARE

Option 2. Embodied Carbon/LCA Optimization Action Plan (1 point)

Use products that have an embodied carbon optimization report or action plan separate from the LCA or EPD. Reports shall comply with one of the criteria below for 10% by cost of the total value of permanently installed products in the project or use at least 10 permanently installed products sourced from at least three different manufacturers.

Report type: LCA Optimization Action Plan

Valuation: ½ product

The **LCA Optimization Action Plan** above were independently verified by NSF International in accordance with ISO 21930 and ISO 14025, by NSF International nccs@nsf.org. Certificates can be found on: <http://info.nsf.org/Certified/Sustain/listings.asp?CompanyName=sheer&ProductName=&StdExt=&Standard=LEED41&search=Search> or www.paintdocs.com

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.



Product Numbers link directly to their respective certificates for convenience.

LEED®v4.1 New Construction, Core and Shell, Schools, Healthcare, Hospitality Contributes toward satisfying MR CREDIT: MATERIAL INGREDIENTS OPTION 1: MATERIAL INGREDIENT REPORTING- PRODUCT LENS CERTIFICATION					updated 03/01/2021
PRODUCTS	PRODUCT NUMBERS	Assessor	3rd party Certifier	Certification Period	Value
Emerald Interior Flat, Matte, Satin & Semi-Gloss	K35, K36, K37 & K38W00300/400 Series	MBDC Basis methodology v3.0*	UL Product Lens Certified	6/2020-6/2022	1.5 Product
Loxon Concrete & Masonry Primer	LX02W0050	MBDC Basis methodology v3.0*	UL Product Lens Certified	6/2020-6/2022	1.5 Product
PrepRite ProBlock	B51W00620 & B51W00623	MBDC Basis methodology v3.0*	UL Product Lens Certified	6/2020-6/2022	1.5 Product
ProMar 200 Zero VOC Interior Latex Flat	B30-2650/12651 Series	MBDC Basis methodology v3.0*	UL Product Lens Certified	7/2020-7/2023	1.5 Product
ProMar 200 Zero VOC Interior Latex Low Sheen	B24-2650 Series	MBDC Basis methodology v3.0*	UL Product Lens Certified	7/2020-7/2023	1.5 Product
ProMar 200 Zero VOC Interior Latex Low Gloss Eg-Shel	B41-2650, Series	MBDC Basis methodology v3.0*	UL Product Lens Certified	7/2020-7/2023	1.5 Product
ProMar 200 Zero VOC Interior Latex Eg-Shel	B20-2650, B20-12651 Series	MBDC Basis methodology v3.0*	UL Product Lens Certified	7/2020-7/2023	1.5 Product
ProMar 200 Zero VOC Interior Latex Semi-Gloss	B31-2650 Series	MBDC Basis methodology v3.0*	UL Product Lens Certified	7/2020-7/2023	1.5 Product
ProMar 200 Zero VOC Interior Latex Gloss	B21-12651	MBDC Basis methodology v3.0*	UL Product Lens Certified	7/2020-7/2023	1.5 Product
ProMar® 200 Zero VOC Interior Latex Primer	B28-2600	MBDC Basis methodology v3.0*	UL Product Lens Certified	7/2020-7/2023	1.5 Product

*Methodology based on Cradle to Cradle Certified™ Product Material Health Assessment Methodology v3.0

Per USGBC LEED v4.1:

Intent

To encourage the use of products and materials for which life-cycle information is available and that have environmentally, economically, and socially preferable life-cycle impacts. To reward project teams for selecting products for which the chemical ingredients in the product are inventoried using an accepted methodology and for selecting products verified to minimize the use and generation of harmful substances. To reward raw material manufacturers who produce products verified to have improved life-cycle impacts.

Requirements:

NC, CS, SCHOOLS, RETAIL NC, DATA CENTERS, WAREHOUSES & DISTRIBUTION CENTERS, HOSPITALITY NC, HEALTHCARE

Option 1. Material Ingredient Reporting (1 point)

Use at least 20 different permanently installed products from at least five different manufacturers that use any of the following programs to demonstrate the chemical inventory of the product to at least 0.1% (1000 ppm).

- Manufacturer Inventory
- Health Product Declaration.
- Cradle to Cradle.
- Declare.
- **Product Lens Certification.**

Any compliant reports above with third-party verification that includes the verification of content inventory are worth 1.5 products for credit achievement calculations.

UL's Product Lens Certification is an ingredient disclosure tool that provides hazard information in context, fulfilling the new demands for product transparency.

The Product Lens certification is a result of collaboration between UL Environment, MBDC and Cradle to Cradle Product Innovation Institute, with UL basing the program's chemical assessment on the Materials Health Assessment Methodology from the Cradle to Cradle Certified™ Products program. The tool was developed in partnership with MBDC to meet and exceed the chemical disclosure requirements outlined by the design community and LEED®. With the program harmonized at the assessment level, manufacturers are able to progress further into the Cradle to Cradle certification programs as they desire.

Product Lens has been designed to meet credit requirements in LEED v4 for chemical disclosure (MR Credit: Building Product Disclosure and Optimization – Material Ingredients). All information is verified by UL, helping manufacturers address the skepticism inherent in self-disclosure, and signaling trust and legitimacy to specifiers and purchasers.

Certificates can be found on: <https://spot.ul.com/>

P,S,U= Primer, Sealer, Undercoater

^Category classification based on SCAQMD Rule 1113, February 5, 2016 and CARB 2007 SCM definitions.

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.



LEED®v4.1 New Construction, Core and Shell, Schools, Healthcare, Hospitality Contributes toward satisfying MR CREDIT: MATERIAL INGREDIENTS OPTION 1: MATERIAL INGREDIENT REPORTING -MANUFACTURER INVENTORY					updated 03/01/2021
PRODUCTS	PRODUCT NUMBERS	NSF® International Report	3rd party Certifier	Certification Period	Value
ConFlex™ Block Filler	CF01W50	CHEMMI-101	NSF® International	03/02/2020 - 12/31/2022	1.5 Product
Eminence® Ceiling Paint	A27W3815	CHEMMI-102	NSF® International	03/02/2020 - 12/31/2022	1.5 Product
Harmony® Flat, Eg-Shel, Semi-Gloss and Primer	B5W1000.B9W1000.B10W1000 & B11W1000 Series	CHEMMI-103	NSF® International	03/02/2020 - 12/31/2022	1.5 Product
Multi-Purpose Latex Primer	B51W450 & B51W453	CHEMMI-104	NSF® International	03/02/2020 - 12/31/2022	1.5 Product
ProMar® 200 HP Zero VOC, Low Gloss Eg-Shel, Eg-Shel & Semi-Gloss	B41, B20 & B31 Series	CHEMMI-111	NSF® International	03/02/2020 - 12/31/2022	1.5 Product
ProMar® 400 Zero VOC Interior Latex, Flat, Low Sheen Eg-Shel, Eg-Shel, Semi-Gloss, Gloss & Primer	B30, B24, B20, B31, B21 & B28 Series	CHEMMI-112	NSF® International	03/02/2020 - 12/31/2022	1.5 Product
Pro Industrial™ Acrylic, Eg-Shel, Semi-Gloss & Gloss	B66-600 Series	CHEMMI-105	NSF® International	03/02/2020 - 12/31/2022	1.5 Product
Pro Industrial™ DTM Primer/Finish	B66W11	CHEMMI-108	NSF® International	03/02/2020 - 12/31/2022	1.5 Product
Pro Industrial™ Dryfall, Flat, Eg-Shel & Semi-Gloss	B42W181, B42W82 & B42W83	CHEMMI-107	NSF® International	03/02/2020 - 12/31/2022	1.5 Product
Pro Industrial™ Heavy Duty Block Filler	B42W150	CHEMMI-106	NSF® International	03/02/2020 - 12/31/2022	1.5 Product
Pro Industrial™ Pro-Cryl Universal Primer, Off White, Gray and Red Oxide	B66W1310, B66A1320 & B66N1310	CHEMMI-109	NSF® International	03/02/2020 - 12/31/2022	1.5 Product
Pro Industrial™ Waterbased Catalyzed Epoxy, Eg-Shel & Gloss	B73-300 Series	CHEMMI-110	NSF® International	03/02/2020 - 12/31/2022	1.5 Product

Per USGBC LEED v4.1:

Intent

To encourage the use of products and materials for which life-cycle information is available and that have environmentally, economically, and socially preferable life-cycle impacts. To reward project teams for selecting products for which the chemical ingredients in the product are inventoried using an accepted methodology and for selecting products verified to minimize the use and generation of harmful substances. To reward raw material manufacturers who produce products verified to have improved life-cycle impacts.

Requirements:

NC, CS, SCHOOLS, RETAIL NC, DATA CENTERS, WAREHOUSES & DISTRIBUTION CENTERS, HOSPITALITY NC, HEALTHCARE

Option 1. Material Ingredient Reporting (1 point)

Use at least 20 different permanently installed products from at least five different manufacturers that use any of the following programs to demonstrate the chemical inventory of the product to at least 0.1% (1000 ppm).

- **Manufacturer Inventory**
- Health Product Declaration.
- Cradle to Cradle.
- Declare.
- Product Lens Certification.
- USGBC approved program

Manufacturer Inventory. The manufacturer has published complete content inventory for the product following these guidelines:

A publicly available inventory of all ingredients identified by name and Chemical Abstract Service Registration Number (CASRN) and/or European Community Number (EC Number). Materials defined as trade secret or intellectual property may withhold the name and/or CASRN/EC Number but must disclose ingredient/chemical role, amount and hazard score/class using either:

The Globally Harmonized System of Classification and Labeling of Chemicals rev.6 (2015) (GHS)

- The hazard screen must be applied to each trade secret ingredient and the inventory lists the hazard category for each of the health hazards included in Part 3 of GHS (e.g. “GHS Category 2 Carcinogen”).

Any compliant reports above with third-party verification that includes the verification of content inventory are worth 1.5 products for credit achievement calculations.

Certificates can be found on: <http://info.nsf.org/Certified/sustain/listings.asp?Standard=LEED41&Company=C0261406>



P,S,U= Primer, Sealer, Undercoater

^Category classification based on SCAQMD Rule 1113, February 5, 2016 and CARB 2007 SCM definitions.

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

LEED®v4.1 New Construction, Core and Shell, Schools, Healthcare, Hospitality
Contributes toward satisfying MR CREDIT: MATERIAL INGREDIENTS

updated
03/01/2021

OPTION 2: MATERIAL INGREDIENT OPTIMIZATION

Material Ingredient Screening and Optimization Action Plan

PRODUCTS	PRODUCT NUMBERS	Declaration Number	Period of Validity	Program Operator	Value
Emerald Interior Flat, Matte & Satin	K35, K36, K37 & K38W00300/400 Series	CHEMAP-102	08/07/2019-08/07/2022	NSF International	.5 Product
Loxon® Concrete and Masonry Primer	LX02W0050	CHEMAP-103	08/07/2019-08/07/2022	NSF International	.5 Product
PrepRite® ProBlock®	B51W00620 & B51W00623	CHEMAP-104	08/07/2019-08/07/2022	NSF International	.5 Product
ProMar® 200 Zero VOC Interior Latex Flat	B30W02653, B30W12651	CHEMAP-101	07/01/2019-08/07/2022	NSF International	.5 Product
ProMar® 200 Zero VOC Interior Latex Low Sheen & Low Gloss Eg-Shel	B24W02651 & B41W02651	CHEMAP-101	07/01/2019-08/07/2022	NSF International	.5 Product
ProMar® 200 Zero VOC Interior Latex Eg-Shel	B20W02653, B20T02654, B20W12651, B20W02651, B20W02650,...	CHEMAP-101	07/01/2019-08/07/2022	NSF International	.5 Product
ProMar® 200 Zero VOC Interior Latex Semi-Gloss & Gloss	B31W02651 & B21W12651	CHEMAP-101	07/01/2019-08/07/2022	NSF International	.5 Product
ProMar® 200 Zero VOC Interior Latex Primer	B28-Series	CHEMAP-101	07/01/2019-08/07/2022	NSF International	.5 Product

Per USGBC LEED v4.1:

Intent

To encourage the use of products and materials for which life-cycle information is available and that have environmentally, economically, and socially preferable life-cycle impacts. To reward project teams for selecting products for which the chemical ingredients in the product are inventoried using an accepted methodology and for selecting products verified to minimize the use and generation of harmful substances. To reward raw material manufacturers who produce products verified to have improved life-cycle impacts.

Requirements:

NC, CS, SCHOOLS, RETAIL, DATA CENTERS, WAREHOUSES & DISTRIBUTION CENTERS, HOSPITALITY, HEALTHCARE

Option 2: Material Ingredient Optimization (1 point)

Use permanently installed products from at least three different manufacturers that document their material ingredient optimization using the paths below. Choose either 10 compliant products, or select products that constitute at least 10%, by cost, of the total value of permanently installed products in the project.

Material Ingredient Screening and Optimization Action Plan (value at 50% by cost or ½ product)

The manufacturer has screened the product to at least 1,000 ppm and has provided a publicly available inventory meeting the requirements of Option 1 and completed a detailed action plan to mitigate or reduce known hazards using the principles of green chemistry. The action plan must be product-specific (not company, manufacturer or brand), and must include the following information:

- Description of the screening or assessment platform used by manufacturer to complete the material ingredient screening and analysis.
- Identification of the specific green chemistry principles targeted for implementation in the action plan.
- Description of specific steps anticipated in implementation of the action plan. Include proposed changes in formulation or manufacturing processes that are planned as part of green chemistry optimization strategy.
- Specific dates and a full timeline for completion of all the steps described in the action plan.



The Material Ingredient Screening and Optimization Action Plans above were independently verified by NSF International in accordance with ISO 21930 and ISO 14025, by NSF International ncss@nsf.org. Certificates can be found on: <http://info.nsf.org/Certified/Sustain/listings.asp?CompanyName=she&ProductName=&StdExt=&Standard=LEED41&search=Search>

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

Product Numbers link directly to their respective certificates for convenience.

Green Building Initiative™ Green Globes For New Construction 2019 v1.0 12/2019 Contributes toward satisfying 6.2.1.2 Volatile Organic Compounds				updated 03/01/2021	
PRODUCTS	PRODUCT NUMBERS	GREENGUARD GOLD-CDPH v1.2	TVOC	CARB/SCAQMD Category^	VOC†
ColorCast Ecotoner™(CCE) Architectural Colorant	CCE-AC series	Certified	0.5 mg/m3 or less	Colorant Architectural	<50 g/L
Pro Industrial™ Waterborne Acrylic Dryfall Flat White, Black & Ultradeep	B42W00181 B42B00081 B42T00081	Certified	0.5 mg/m3 or less	Dry Fog	<50 g/L
Pro Industrial™ Waterborne Acrylic Dryfall Eg-Shel	B42W00082	Certified	0.5 mg/m3 or less	Dry Fog	<50 g/L
Pro Industrial™ Waterborne Acrylic Dryfall Eg-Shel (formulated w/out Silica)	B42W00182	Certified	between 0.5 & 5.0 mg/m3	Dry Fog	<50 g/L
Pro Industrial™ Waterborne Acrylic Dryfall Semi-Gloss	B42W00083	Certified	between 0.5 & 5.0 mg/m3	Dry Fog	<50 g/L
EcoSelect® Zero VOC Interior Latex Flat	A21W01851 & 853 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Emerald® Interior Latex Flat & Matte	K35 & K36-Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Eminence® Interior Latex Flat Ceiling Paint	A27	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Harmony® Interior Flat Latex	B05-1050 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
ProMar® 200 Zero VOC Interior Latex Flat, Low Gloss & Low Sheen	B30, B41 & B24W2650 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
ProMar® 400 Zero VOC Interior Latex Flat & Low Sheen	B30 & B24-4650 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Solo® Interior/Exterior Flat	A74 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
SuperPaint with Air Purifying Technology¹ Flat	A86W00061	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Tuff Surface™ Premium Texture Coating Flat	A44W01050	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Loxon Water Blocking Primer/Finish	LX12 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
All Surface Enamel Satin & Gloss-US Only	A41-1350 & A41-1250 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
Dry Erase Clear Gloss Coating	KB65C2000	Certified	0.5 mg/m3 or less	Non-Flat	<100 g/L
EcoSelect Zero VOC Interior Latex Eg-Shel & Semi-Gloss	A22 & A20-850 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
Emerald Interior Latex Satin & Semi-Gloss	K37 & K38 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
Harmony Interior Eg-Shel & Semi-Gloss	B09 & B10-1050 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 HP Zero VOC Interior Acrylic Eg-Shel	B20-1900 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 HP Zero VOC Interior Acrylic Low Gloss Eg-Shel	B41-1900 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 HP Zero VOC Interior Acrylic Semi-Gloss	B31-1900 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 Zero VOC Interior Latex Eg-Shel, Semi-Gloss	B20-2650, B20-1265I & B31-2650 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 Zero VOC Interior Latex Low Gloss Eg-Shel	B41-2600 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 400 Zero VOC Interior Latex Eg-Shel, Semi-Gloss	B20 & B31-4650 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 & 400 Zero VOC Interior Latex Gloss	B21-12650 Series B21-4650 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
Solo® Interior/Exterior Eg-Shel ,Satin, Semi-Gloss & Gloss	A75, A73, A76 & A77-51 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
SuperPaint with Air Purifying Technology¹ Satin & Semi-Gloss	A87, A88W61 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
Armorseal® 8100 Water Based Epoxy Floor Coating	B70-8100/8160 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Acrylic Coating, Eg-Shel, Semi-Gloss, Gloss	B66-660, B66-1660, 650 & 600 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ DTM Primer/Finish	B66W00011	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Pre-Catalyzed Epoxy Eg-Shel & Semi-Gloss	K45 & K46-1150 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Pre-Catalyzed Waterbased Urethane	B65W01121	CDPH V1.2	between 0.5 & 5.0 mg/m3	Industrial Maintenance	<100 g/L
Pro Industrial Pro-Cryl® Primer Off White, Medium Grey & Red Oxide	B66-1300 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Water Based Acrolon 100	B65W00721/B65V00720	CDPH V1.2	0.5 mg/m3 or less	Industrial Maintenance	<100 g/L
Pro Industrial™ Water Based Catalyzed Epoxy, Gloss & Eg-Shel	B73-300 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Heavy Duty Block Filler	B42W00150	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
ConFlex™ Block Filler	CF01W0050	Certified	between 0.5 & 5.0 mg/m3	P,S,U	<50 g/L
Extreme Bond™ Bonding Primer	B51-1100 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Harmony Interior Latex Primer	B11W01500	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Loxon® Acrylic Conditioner Clear & Guide Coat White	LX03 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Loxon Concrete & Masonry Primer	LX02 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Multi-Purpose Latex Primer	B51-450 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Multi-Purpose Waterbased Acrylic Alkyd Primer	B79-450 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
PrepRite® ProBlock® Int/Ext Latex Primer/Sealer	B51-620 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
ProMar® 200 & 400 Zero VOC Interior Latex Primer	B28W02600 B28W04600	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Quick Dry Interior/Exterior Stain Blocking Primer	B51W08670	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L

6.2.1.2 Source Control and Measurement of Indoor Pollutants 6.2.1.2 Volatile Organic Compounds 6.2.1.2 Criteria: California Air Resources Board Suggested Control Measure for Architectural Coatings CARB SCM2007 (February 1, 2008)

6.2.1.2.1 Criteria: VOC emissions criteria or 6.2.1.2.2: Do 70% or 90% by volume of the interior products comply with prescribed limits of product VOC emissions AND/OR are certified?

70% of products by volume comply with VOC emissions criteria Answers: • Yes (2 points) • No (0 points)- 90% of products by volume comply with VOC content limits • Yes (1 point) • No (0 points)

Provide documentation indicating compliance with the VOC emission requirements or a certification by a third party testing organization including, but not limited to: GREENGUARD Gold – UL Environment • UL 2818, “GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings,” March 2013.

The products listed above have been independently certified by UL Environment in accordance with “UL 2818 –GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings,” and/or Standard referenced: CDPH/EHLB/Standard Method V1.2 (January 2017) “Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers” (aka CA Section 01350). For more information, see <http://www.cdph.ca.gov> Building products and Interior finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using the applicable exposure scenario(s). GREENGUARD Certified products are certified to UL GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com. Certificates can be found on: greenguard.org or ul.com

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

Product Numbers link directly to their respective certificates for convenience.

ASHRAE® 189.1-2017/ IGCC-2018 9/2018 The American Society of Heating, Refrigerating and Air-Conditioning Engineers. 2018 International Green Construction Code® Contributes toward satisfying 8.4.2.2.1: Emissions Requirements.				updated 03/01/2021	
PRODUCTS	PRODUCT NUMBERS	GREENGUARD GOLD-CDPH v1.2	TVOC	CARB/SCAQMD Category [^]	VOC†
ColorCast Ecotoner™(CCE) Architectural Colorant	CCE-AC series	Certified	0.5 mg/m3 or less	Colorant Architectural	<50 g/L
Pro Industrial™ Waterborne Acrylic Dryfall Flat White, Black & Ultradeep	B42W00181 B42B00081 B42T00081	Certified	0.5 mg/m3 or less	Dry Fog	<50 g/L
Pro Industrial™ Waterborne Acrylic Dryfall Eg-Shel	B42W00082	Certified	0.5 mg/m3 or less	Dry Fog	<50 g/L
Pro Industrial™ Waterborne Acrylic Dryfall Eg-Shel (formulated w/out Silica)	B42W00182	Certified	between 0.5 & 5.0 mg/m3	Dry Fog	<50 g/L
Pro Industrial™ Waterborne Acrylic Dryfall Semi-Gloss	B42W00083	Certified	between 0.5 & 5.0 mg/m3	Dry Fog	<50 g/L
EcoSelect® Zero VOC Interior Latex Flat	A21W01851 & 853 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Emerald® Interior Latex Flat & Matte	K35 & K36- Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Eminence® Interior Latex Flat Ceiling Paint	A27	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Harmony® Interior Flat Latex	B05-1050 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
ProMar® 200 Zero VOC Interior Latex Flat, Low Gloss & Low Sheen	B30 , B41 & B24W2650 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
ProMar® 400 Zero VOC Interior Latex Flat & Low Sheen	B30 & B24-4650 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Solo® Interior/Exterior Flat	A74 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
SuperPaint with Air Purifying Technology¹ Flat	A86W00061	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Tuff Surface™ Premium Texture Coating Flat	A44W01050	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Loxon Water Blocking Primer/Finish	LX12 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
All Surface Enamel Satin & Gloss-US Only	A41-1350 & A41-1250 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
EcoSelect Zero VOC Interior Latex Eg-Shel & Semi-Gloss	A22 & A20-850 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
Emerald Interior Latex Satin & Semi-Gloss	K37 & K38 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
Harmony Interior Eg-Shel & Semi-Gloss	B09 & B10-1050 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 HP Zero VOC Interior Acrylic Eg-Shel	B20-1900 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 HP Zero VOC Interior Acrylic Low Gloss Eg-Shel	B41-1900 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 HP Zero VOC Interior Acrylic Semi-Gloss	B31-1900 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 Zero VOC Interior Latex Eg-Shel, Semi-Gloss	B20-2650 , B20-12651 & B31-2650 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 Zero VOC Interior Latex Low Gloss Eg-Shel	B41-2600 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 400 Zero VOC Interior Latex Eg-Shel, Semi-Gloss	B20 & B31-4650 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 & 400 Zero VOC Interior Latex Gloss	B21-12650 Series B21-4650 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
Solo® Interior/Exterior Eg-Shel ,Satin, Semi-Gloss & Gloss	A75 , A73 , A76 & A77-51 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
SuperPaint with Air Purifying Technology¹ Satin & Semi-Gloss	A87 , A88W61 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
Armorseal® 8100 Water Based Epoxy Floor Coating	B70-8100/8160 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Acrylic Coating, Eg-Shel, Semi-Gloss, Gloss	B66-660 , B66-1660 , 650 & 600 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ DTM Primer/Finish	B66W00011	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Pre-Catalyzed Epoxy Eg-Shel & Semi-Gloss	K45 & K46-1150 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Pre-Catalyzed Waterbased Urethane	B65W01121	Certified	between 0.5 & 5.0 mg/m3	Industrial Maintenance	<100 g/L
Pro Industrial Pro-Cryl® Primer Off White, Medium Grey & Red Oxide	B66-1300 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Water Based Acrolon 100	B65W00721/B65V00720	Certified	0.5 mg/m3 or less	Industrial Maintenance	<100 g/L
Pro Industrial™ Water Based Catalyzed Epoxy, Gloss & Eg-Shel	B73-300 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Heavy Duty Block Filler	B42W00150	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
ConFlex™ Block Filler	CF01W0050	Certified	between 0.5 & 5.0 mg/m3	P,S,U	<50 g/L
Drywall Primer	B28W08150	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Extreme Bond™ Bonding Primer	B51-1100 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Harmony Interior Latex Primer	B11W01500	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Loxon® Acrylic Conditioner Clear & Guide Coat White	LX03 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Loxon Concrete & Masonry Primer	LX02 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Multi-Purpose Latex Primer	B51-450 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Multi-Purpose Waterbased Acrylic Alkyd Primer	B79-450 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
PrepRite® ProBlock® Int/Ext Latex Primer/Sealer	B51-620 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
ProMar® 200 & 400 Zero VOC Interior Latex Primer	B28W02600 B28W04600	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Quick Dry Interior/Exterior Stain Blocking Primer	B51W08670	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L

8.4.2.2 Per ASHRAE 189.1-2017/IGCC-2018: Paints and Coatings. 801.4.2.2 (8.4.2.2) Paints and Coatings. Products in this category include anticorrosive coatings, basement specialty coatings, concrete/masonry sealers, concrete curing compounds, dry fog coatings, faux-finishing coatings, fire-resistant coatings, flat and nonflat topcoats, floor coatings, graphic arts (sign) coatings, high temperature coatings, industrial maintenance coatings, low-solids coatings, mastic texture coatings, metallic pigmented coatings, multicolor coatings, pretreatment wash primers, primers, reactive penetrating sealers, recycled coatings, shellacs (clear and opaque), specialty primers, stains, stone consolidants, swimming pool coatings, tub- and tile-refining coatings, undercoaters, waterproofing membranes, wood coatings (clear wood finishes), wood preservatives, and zinc primers. Paints and coatings used on the interior of the building (defined as inside of the weatherproofing system and applied on-site) shall comply with either Section 801.4.2.2.1 (8.4.2.2.1) or 801.4.2.2.2 (8.4.2.2.2). 801.4.2.2.1 (8.4.2.2.1) Emissions Requirements. Emissions shall be determined according to CDPH/EHLB/Standard Method V1.1 (newest v1.2-2017) (commonly known as California Section 01350) and shall comply with the limit requirements for either office or classroom spaces, regardless of the space type.

The products listed above have been independently certified by UL Environment in accordance with "UL 2818 – GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings," and/or Standard referenced: CDPH/EHLB/Standard Method V1.2 (January 2017) "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers" (aka CA Section 01350). For more information, see <http://www.cdph.ca.gov> Building products and Interior finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.1 & V1.2-2017 using the applicable exposure scenario(s). GREENGUARD Certified products are certified to UL GREENGUARD standards for low chemical emissions into indoor air during product usage.

For more information, visit ul.com. Certificates can be found on: spot.ul.com or ul.com †Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

This information is furnished only as a guide and is not all-inclusive of available Sherwin-Williams products.

International Living Future Institute SM Living Building Challenge SM 3.1 & 4.0 (“Red List”)				updated 03/01/2021
Product	Product Number	GREENGUARD GOLD CDPH Method v1.1 & v1.2 Emissions (CA01350)	Compliant to LBC Red List V3.1 & 4.0 CAS# Guide	
ConFlex™ Block Filler	CF01W0050	YES	YES	
Drywall Primer	B28W08150	YES	YES	
Dry Erase	B65C2000/B65V2000	YES	YES	
Emerald® Interior Latex Flat	K35 Series	YES	YES	
Emerald® Interior Latex Matte	K36 Series	YES	YES	
Emerald® Interior Latex Satin	K37 Series	YES	YES	
Emerald® Interior Latex Semi-Gloss	K38 Series	YES	YES	
Harmony Interior Latex Flat	B05 Series	YES	YES	
Harmony Lates Wall Primer	B11-1500	YES	YES	
Loxon® Concrete & Masonry Primer/Sealer	LX02 Series	YES	YES	
Multi-Purpose Latex Primer	B51-450 Series	YES	YES	
PrepRite® ProBlock® Interior/Exterior Latex Primer/Sealer	B51-620 Series	YES	YES	
Pro Industrial™ Acrylic - Eg-Shel	B66-660 Series B66-1660.	YES	YES	
Pro Industrial™ Acrylic - Semi-Gloss	B66-650 Series	YES	YES	
Pro Industrial™ Acrylic - Gloss	B66-600 Series	YES	YES	
Pro Industrial™ DTM Primer/Finish	B66W00011	YES	YES	
Pro Industrial™ Pre-Catalyzed Waterbased Urethane	B65W01121	YES	YES	
Pro Industrial™ Pro-Cryl® Universal Acrylic Primer	B66-1300 Series	YES	YES	
Pro Industrial™ Water Based Acrolon 100	B65W721/B65V720	YES	YES	
Pro Industrial™ Water Based Catalyzed Epoxy (Part B), Hardener	B73V00300	YES	YES	
Pro Industrial™ Water Based Catalyzed Epoxy- Gloss (Part A)	B73W00300	YES	YES	
Pro Industrial™ Waterborne Acrylic Dryfall Flat White	B42W00181	YES	YES	
ProMar® 200 HP Zero VOC Interior Semi-Gloss	B31W01950 Series	YES	YES	
ProMar® 200 Zero VOC Interior Eg-Shel	B20-2650 Series	YES	YES	
ProMar® 200 Zero VOC Interior Low Gloss Eg-Shel	B41W2650 Series	YES	YES	
ProMar® 200 Zero VOC Interior Low Sheen	B24W2650 Series	YES	YES	
ProMar® 200 Zero VOC Interior Semi-Gloss	B31-2650 Series	YES	YES	
ProMar® 400 Zero VOC Interior Latex Primer	B28W04600	YES	YES	
Solo® Acrylic Interior/Exterior Satin	A73 Series	YES	YES	
Solo® 100% Acrylic Interior/Exterior Eg-Shel	A75 Series	YES	YES	
Solo® 100% Acrylic Interior/Exterior	A77W00051, A77W00254	YES	YES	
Solo® 100% Acrylic Interior/Exterior Semi-Gloss	A76 Series	YES	YES	
SuperPaint with Air Purifying Technology ¹ Flat	A86-60 Series	YES	YES	
Zinc Clad III HS 100 (Part A, Part B, and Zinc Clad Zinc Dust Part F)	B69A110/B69V110/B69D11	YES	YES	

According to LBC, Healthy Interior Environment Imperative 08: Compliance with the CDPH Standard Method v1.1-2010 (current is V1.2-2017) (or international equivalent) for all interior building products that have the potential to emit volatile organic compounds (VOCs).

The products listed above have been independently certified by UL Environment in accordance with “UL 2818 –GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings,” and/or Standard referenced: CDPH/EHLB/Standard Method V1.2 (January 2017) “Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers” (aka CA Section 01350). For more information, see <http://www.cdph.ca.gov> Building products and Interior finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using the applicable exposure scenario(s).

GREENGUARD Certified products are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit spot.ul.com. Certificates can be found on: spot.ul.com

The above listed products do not contain chemicals listed on the Living Building Challenge 3.1 & 4.0 Red List CAS # Guide as intentionally added ingredients greater than 100 ppm. This information is the best of our knowledge. It is based on the products as currently formulated and based on information provided to us by our raw material suppliers.

This information is furnished only as a guide and is not all-inclusive of available Sherwin-Williams products. Contact your Sherwin-Williams Architectural Account Executive at 800-524-5979 for more information.

This information is furnished only as a guide and is not all-inclusive of available Sherwin-Williams products.

International WELL Building Institute™ The WELL Building Standard v2 Pilot Q1 2021				updated 03/01/2021	
PRODUCTS	PRODUCT NUMBERS	GREENGUARD GOLD-CDPH v1.2	TVOC	CARB Category	VOC†
ColorCast Ecotone™(CCE) Architectural Colorant	CCE-AC series	Certified	0.5 mg/m3 or less	Colorant Architectural	<50 g/L
Pro Industrial™ Waterborne Acrylic Dryfall Flat White, Black & Ultradeep	B42W00181 B42B00081 B42T00081	Certified	0.5 mg/m3 or less	Dry Fog	<50 g/L
Pro Industrial™ Waterborne Acrylic Dryfall Eg-Shel	B42W00082	Certified	0.5 mg/m3 or less	Dry Fog	<50 g/L
Pro Industrial™ Waterborne Acrylic Dryfall Eg-Shel	B42W00182	Certified	between 0.5 & 5.0 mg/m3	Dry Fog	<50 g/L
Pro Industrial™ Waterborne Acrylic Dryfall Semi-Gloss	B42W00083	Certified	between 0.5 & 5.0 mg/m3	Dry Fog	<50 g/L
EcoSelect® Zero VOC Interior Latex Flat	A21W01851 & 853 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Emerald® Interior Latex Flat & Matte	K35 & K36- Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Eminence® Interior Latex Flat Ceiling Paint	A27	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Harmony® Interior Flat Latex	B05-1050 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
ProMar® 200 Zero VOC Interior Latex Flat, Low Gloss & Low Sheen	B30, B41 & B24W2650 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
ProMar® 400 Zero VOC Interior Latex Flat & Low Sheen	B30 & B24-4650 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Solo® Interior/Exterior Flat	A74 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
SuperPaint with Air Purifying Technology! Flat	A86W00061	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Tuff Surface™ Premium Texture Coating Flat	A44W01050	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Loxon Water Blocking Primer/Finish	LX12 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
All Surface Enamel HP Eg-Shel, Semi-Gloss, Gloss-Canada Only	A43, A41 & A42Q-8050 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
All Surface Enamel Satin & Gloss -US Only	A41-1350 & A41-1250 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
EcoSelect Zero VOC Interior Latex Eg-Shel & Semi-Gloss	A22 & A20-850 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
Emerald Interior Latex Satin & Semi-Gloss	K37 & K38 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
Harmony Interior Eg-Shel & Semi-Gloss	B09 & B10-1050 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 HP Zero VOC Interior Acrylic Eg-Shel	B20-1950 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 HP Zero VOC Interior Acrylic Low Gloss Eg-Shel	B41-1950 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 HP Zero VOC Interior Acrylic Semi-Gloss	B31-1950 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 Zero VOC Interior Latex Eg-Shel, Semi-Gloss	B20-2650, B20-12650 & B31-2650 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 Zero VOC Interior Latex Low Gloss Eg-Shel	B41-2600 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 400 Zero VOC Interior Latex Eg-Shel, Semi-Gloss	B20 & B31-4650 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 & 400 Zero VOC Interior Latex Gloss	B21-12650 Series B21-4650 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
Solo® Interior/Exterior Eg-Shel ,Satin, Semi-Gloss & Gloss	A75, A73, A76 & A77-51 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
SuperPaint with Air Purifying Technology! Satin & Semi-Gloss	A87, A88W61 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
Armorseal® 8100 Water Based Epoxy Floor Coating	B70-8100/8160 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Acrylic Coating, Eg-Shel, Semi-Gloss, Gloss	B66-660, B66-1660, 650 & 600 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ DTM Primer/Finish	B66W00011	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Pre-Catalyzed Epoxy Eg-Shel & Semi-Gloss	K45 & K46-1150 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Pre-Catalyzed Waterbased Urethane	B65W01121	Certified	between 0.5 & 5.0 mg/m3	Industrial Maintenance	<100 g/L
Pro Industrial Pro-Cryl® Primer Off White, Medium Grey & Red Oxide	B66-1300 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Water Based Acrolon 100	B65W00721/B65V00720	Certified	0.5 mg/m3 or less	Industrial Maintenance	<100 g/L
Pro Industrial™ Water Based Catalyzed Epoxy, Gloss & Eg-Shel	B73-300 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Heavy Duty Block Filler	B42W00150	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
ConFlex™ Block Filler	CF01W0050	Certified	between 0.5 & 5.0 mg/m3	P,S,U	<50 g/L
Extreme Bond™ Bonding Primer	B51-1100 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Harmony Interior Latex Primer	B11W01500	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Loxon® Acrylic Conditioner Clear & Guide Coat White	LX03 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Loxon Concrete & Masonry Primer	A24W8300/ LX02 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Multi-Purpose Latex Primer	B51-450 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Multi-Purpose Waterbased Acrylic Alkyd Primer	B79-450 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
PrepRite® ProBlock® Int/Ext Latex Primer/Sealer	B51-620 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
ProMar® 200 & 400 Zero VOC Interior Latex Primer	B28W02600 B28W04600	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Quick Dry Interior/Exterior Stain Blocking Primer	B51W08670	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L

According to WELL V2: X12 Short Term Emission Control: This WELL feature requires testing and adherence to emission thresholds for newly applied adhesives, sealants, paints and coatings.

Part 1: Management Product Emissions: Adhesives, Sealants, Paints and Coatings (Max: 3 points) Newly applied adhesives, sealants, paints and coatings applied inside the building meet all VOC emission thresholds set by the following program, earning points based on: Percent Compliance by Volume 50%=1 point, 70%=2 points, 90%=3 points, California Department of Public Health (CDPH) Standard Method v.1.1-2010 or any more recent version (v1.2-2017) for VOC emissions.

Part 2: Management Product Content: Adhesives, Sealants, Paints and Coatings (Max: 2 points) Newly applied adhesives, sealants, paints and coatings applied inside the building meet VOC content thresholds of one of the following (as applicable) earning points based on: Percent Compliance (by Cost or Volume) 75%=1 point, 90%=2 points. California Air Resources Board (CARB) 2007, Suggested Control Measure (SCM) for Architectural Coatings.

The products listed above have been independently certified by UL Environment in accordance with "UL 2818 – GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings," and/or Standard referenced: CDPH/EHLB/Standard Method V1.2 (January 2017) "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers" (aka CA Section 01350). For more information, see <http://www.cdph.ca.gov>. Building products and interior finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using the applicable exposure scenario(s). GREENGUARD Certified products are certified to UL GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit spot.ul.com. Certificates can be found on: spot.ul.com or UL.com

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

This information is furnished only as a guide and is not all-inclusive of available Sherwin-Williams products.

Collaborative For High Performance Schools® US-CHPS Core Criteria V2.0-2020 (10-15-2020)				updated 03/01/2021	
PRODUCTS	PRODUCT NUMBERS	GREENGUARD GOLD-CDPH v1.2	TVOC	CARB/SCAQMD Category^	VOC†
ColorCast Ecotone™(CCE) Architectural Colorant	CCE-AC series	Yes	0.5 mg/m3 or less	Colorant Architectural	<50 g/L
Pro Industrial™ Waterborne Acrylic Dryfall Flat White, Black & Ultradeep	B42W00181 B42B00081 B42T00081	Yes	0.5 mg/m3 or less	Dry Fog	<50 g/L
Pro Industrial™ Waterborne Acrylic Dryfall Eg-Shel	B42W00082	Yes	0.5 mg/m3 or less	Dry Fog	<50 g/L
Pro Industrial™ Waterborne Acrylic Dryfall Eg-Shel (formulated w/out Silica)	B42W00182	Yes	between 0.5 & 5.0 mg/m3	Dry Fog	<50 g/L
Pro Industrial™ Waterborne Acrylic Dryfall Semi-Gloss	B42W00083	Yes	between 0.5 & 5.0 mg/m3	Dry Fog	<50 g/L
EcoSelect® Zero VOC Interior Latex Flat	A21W01851 & 853 Series	Yes	0.5 mg/m3 or less	Flat	<50 g/L
Emerald® Interior Latex Flat & Matte	K35 & K36- Series	Yes	0.5 mg/m3 or less	Flat	<50 g/L
Eminence® Interior Latex Flat Ceiling Paint	A27	Yes	0.5 mg/m3 or less	Flat	<50 g/L
Harmony® Interior Flat Latex	B05-1050 Series	Yes	0.5 mg/m3 or less	Flat	<50 g/L
ProMar® 200 Zero VOC Interior Latex Flat, Low Gloss & Low Sheen	B30, B41 & B24W2650 Series	Yes	0.5 mg/m3 or less	Flat	<50 g/L
ProMar® 400 Zero VOC Interior Latex Flat & Low Sheen	B30 & B24-4650 Series	Yes	0.5 mg/m3 or less	Flat	<50 g/L
Solo® Interior/Exterior Flat	A74 Series	Yes	0.5 mg/m3 or less	Flat	<50 g/L
SuperPaint with Air Purifying Technology¹	A86W00061	Yes	0.5 mg/m3 or less	Flat	<50 g/L
Tuff Surface™ Premium Texture Coating Flat	A44W01050	Yes	0.5 mg/m3 or less	Flat	<50 g/L
Loxon Water Blocking Primer/Finish	LX12 Series	Yes	0.5 mg/m3 or less	Flat	<50 g/L
All Surface Enamel HP Eg-Shel, Semi-Gloss, Gloss-Canada Only	A43, A41 & A42Q-8050 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L
All Surface Enamel Satin & Gloss -US Only	A41-1350 & A41-1250 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L
EcoSelect Zero VOC Interior Latex Eg-Shel & Semi-Gloss	A22 & A20-850 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L
Emerald Interior Latex Satin & Semi-Gloss	K37 & K38 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L
Harmony Interior Eg-Shel & Semi-Gloss	B09 & B10-1050 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 HP Zero VOC Interior Acrylic Eg-Shel	B20-1950 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 HP Zero VOC Interior Acrylic Low Gloss Eg-Shel	B41-1950 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 HP Zero VOC Interior Acrylic Semi-Gloss	B31-1950 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 Zero VOC Interior Latex Eg-Shel, Semi-Gloss	B20-2650, B20-12650 & B31-2650 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 Zero VOC Interior Latex Low Gloss Eg-Shel	B41-2600 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 400 Zero VOC Interior Latex Eg-Shel, Semi-Gloss	B20 & B31-4650 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 & 400 Zero VOC Interior Latex Gloss	B21-12650 Series B21-4650 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L
Solo® Interior/Exterior Eg-Shel ,Satin, Semi-Gloss & Gloss	A75, A73, A76 & A77-51 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L
SuperPaint with Air Purifying Technology Satin & Semi-Gloss¹	A87, A88W61 Series	Yes	0.5 mg/m3 or less	Non-Flat	<50 g/L
Armorseal® 8100 Water Based Epoxy Floor Coating	B70-8100/8160 Series	Yes	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Acrylic Coating, Eg-Shel, Semi-Gloss, Gloss	B66-660, B66-1660, 650 & 600 Series	Yes	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ DTM Primer/Finish	B66W00011	Yes	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Pre-Catalyzed Epoxy Eg-Shel & Semi-Gloss	K45 & K46-1150 Series	Yes	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Pre-Catalyzed Waterbased Urethane	B65W01121	Yes	between 0.5 & 5.0 mg/m3	Industrial Maintenance	<100 g/L
Pro Industrial Pro-Cryl® Primer Off White, Medium Grey & Red Oxide	B66-1300 Series	Yes	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Water Based Acrolon 100	B65W00721/B65V00720	Yes	0.5 mg/m3 or less	Industrial Maintenance	<100 g/L
Pro Industrial™ Water Based Catalyzed Epoxy, Gloss & Eg-Shel	B73-300 Series	Yes	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Heavy Duty Block Filler	B42W00150	Yes	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
ConFlex™ Block Filler	CF01W0050	Yes	between 0.5 & 5.0 mg/m3	P,S,U	<50 g/L
Extreme Bond™ Bonding Primer	B51-1100 Series	Yes	0.5 mg/m3 or less	P,S,U	<50 g/L
Harmony Interior Latex Primer	B11W01500	Yes	0.5 mg/m3 or less	P,S,U	<50 g/L
Loxon® Acrylic Conditioner Clear & Guide Coat White	LX03 Series	Yes	0.5 mg/m3 or less	P,S,U	<50 g/L
Loxon Concrete & Masonry Primer	A24W8300/ LX02 Series	Yes	0.5 mg/m3 or less	P,S,U	<50 g/L
Multi-Purpose Latex Primer	B51-450 Series	Yes	0.5 mg/m3 or less	P,S,U	<50 g/L
Multi-Purpose Waterbased Acrylic Alkyd Primer	B79-450 Series	Yes	0.5 mg/m3 or less	P,S,U	<50 g/L
PrepRite® ProBlock® Int/Ext Latex Primer/Sealer	B51-620 Series	Yes	0.5 mg/m3 or less	P,S,U	<50 g/L
ProMar® 200 & 400 Zero VOC Interior Latex Primer	B28W02600 B28W04600	Yes	0.5 mg/m3 or less	P,S,U	<50 g/L
Quick Dry Interior/Exterior Stain Blocking Primer	B51W08670	Yes	0.5 mg/m3 or less	P,S,U	<50 g/L

According to CHPS EQ P6.0 This prerequisite addresses all paints and coatings that are applied onsite in the project's interior. The affected products include but are not limited to sealers, stains, clear wood finishes, floor sealers and coatings, waterproofing sealers, primers, flat paints and coatings, non-flat paints and coatings, and rust preventative coatings. 90%, or more, of the total volumes of such products shall meet the applicable VOC content requirements of the California Air Resources Board (CARB) 2007 Suggested Control Measure (SCM) for Architectural Coatings or the South Coast Air Quality Management District (SCAQMD) Rule 1113, amended February 5, 2016.

According to CHPS EQ C6.1 Additional Low Emitting Materials, meet the requirements in the following categories EQ C6.1.5: See EQ P6.0 for the description of the paints and coatings covered under this criterion. 90%, or more, by volume of all interior paints and coatings normally applied to walls, ceilings, floors or trim shall be tested for emissions of VOCs of concern with respect to chronic inhalation exposures following the specifications of the CDPH Standard Method V1.2, January 2017. The test results shall be compliant with the Standard Method when modeled to the school classroom scenario as follows. Flooring sealers and paints shall be modeled using the manufacturer's specified coverage and the classroom flooring area. Wall applied paints and coatings shall be modeled using the manufacturer's specified coverage and the classroom wall paint and wall coverings area. Ceiling applied paints and coatings shall be modeled similarly using the ceiling area. Wood stains and finishes and trim applied paint shall be modeled similarly using the area of the classroom door plus the area of the wall base (i.e., 125 ft² or 11.6 m²).

The products listed above have been independently certified by UL Environment in accordance with "UL 2818 - GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings," and/or Standard referenced: CDPH/EHLB/Standard Method V1.2 (January 2017) "Standard Method for the Testing and Evaluation of Volatile Organic Emissions from Indoor Sources Using Environmental Chambers" (aka CA Section 01350). For more information, see <http://www.cdph.ca.gov> Building products and Interior finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using the applicable exposure scenario(s). GREENGUARD Certified products are certified to UL GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com. Certificates can be found on: spot.ul.com or www.paintdocs.com

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

This information is furnished only as a guide and is not all-inclusive of available Sherwin-Williams products.

NGBS-National Green Building Standard™ ICC700-2020 Contributes toward satisfying 901.9.1 Interior Architectural Coatings				updated 03/01/21
SUBSTRATE	PRODUCTS	CATEGORY^	PRODUCT VOCs†	CARB Table 901.9.1
1,3,8	Builders Solution™ Interior Latex Flat, A61 & Matte, A64	FLAT	<50 g/L	Y
1,3,7,8	Cashmere Interior Acrylic Flat Enamel, D16-150 Series	FLAT	<50 g/L	Y
1,3,7,8	Duration Home® Interior Latex Flat & Matte, A95 & A96 Series	FLAT	<50 g/L	Y
1,3,7,8	EcoSelect Interior Flat, A21 Series	FLAT	<50 g/L	Y
1,3,7,8	Emerald Interior Flat & Matte, K35 & K36 Series	FLAT	<50 g/L	Y
1,3,7,8	Harmony Interior Latex Flat, B5 Series	FLAT	<50 g/L	Y
1,3,7,8	ProMar® 200 Zero VOC Latex Flat B30-2600/12600 & Low Sheen B24-2600 Series	FLAT	<50 g/L	Y
1,3,7,8	ProMar® 400 Zero VOC Latex Flat, B30-4600, Low Sheen, B24-4600 Series	FLAT	<50 g/L	Y
1,3,7,8	Property Solution™ Interior Flat, B30W3050	FLAT	<50 g/L	Y
1,3,7,8	Solo Interior/Exterior Flat, A74 Series	FLAT	<50 g/L	Y
1,3,8	Builders Solution® Interior Latex Eg-Shel, A62	NON-FLAT	<100 g/L	Y
1,3,7,8	Cashmere Interior Acrylic Low Lustre, Pearl & Medium Lustre, D17, D15 & D18-150 Series	NON-FLAT	<50 g/L	Y
1,3,7,8	Duration Home Latex Satin & S/G, A97 & A98 Series	NON-FLAT	<50 g/L	Y
1,3,7,8	Harmony Latex Eg-Shel & S/G, B9 & B10 Series	NON-FLAT	<50 g/L	Y
1,3,7,8	EcoSelect Interior Eg-Shel & Semi-Gloss, A22 & A20 Series	NON-FLAT	<50 g/L	Y
1,3,7,8	Emerald Interior Satin & Semi-Gloss, K37 & K38 Series	NON-FLAT	<50 g/L	Y
1,3,7,8	Emerald® Urethane Trim Enamel, Satin, Semi-Gloss & Gloss K36, K37 & K38 Series	NON-FLAT	<50 g/L	Y
1,3,4,6,7,8	ProClassic™ Interior Waterbased Acrylic-Alkyd Satin, B33 & S/G B34 Series	NON-FLAT	<50 g/L	Y
1,3,7,8	ProMar® 200 Zero VOC Latex Eg-Shel, B20-2600,12600, Semi-Gloss & Gloss, B31-2600 & B21-12650 Series	NON-FLAT	<50 g/L	Y
1,3,7,8	ProMar® 200 Interior Waterbased Acrylic-Alkyd Eg-Shel/Semi-Gloss/Gloss B33-8251, B34-8251 & B35-8251	NON-FLAT	<100 g/L	Y
1,3,7,8	ProMar® 400 Zero VOC Latex Eg-Shel B20-4600, Semi-Gloss & Gloss, B31-4600 & B21-4650 Series	NON-FLAT	<50 g/L	Y
1,3,7,8	Property Solution™ Interior Eg-Shel, B20W3050 & Semi-Gloss, B31W3060	NON-FLAT	<50 g/L	Y
1,3,7,8	Solo Interior/Exterior Eg-Shel, Satin, Semi-Gloss & Gloss, A75,A73, A76 & A77 Series	NON-FLAT	<50 g/L	Y
1,3	ConFlex Block Filler, CF01W0050	P,S,U	<50 g/L	Y
8	Harmony Interior Latex Primer, B11	P,S,U	<50 g/L	Y
1,2,3	Loxon® Concrete & Masonry Primer, LX02 Series	P,S,U	<50 g/L	Y
1,2,3	Loxon® Acrylic Conditioner , Clear & Guide Coat White, LX03 Series	P,S,U	<50 g/L	Y
1,2,4,5,7,8	Multi-Purpose Latex Primer, B51-450 Series	P,S,U	<50 g/L	Y
7,8	Multi-Purpose Waterbased Acrylic-Alkyd Primer, B79W450	P,S,U	<50 g/L	Y
8	ProMar® 200 Zero VOC Primer, B28W2600	P,S,U	<50 g/L	Y
8	ProMar® 400 Zero VOC Primer, B28W4600	P,S,U	<50 g/L	Y
1,2,3,4,7,8	PrepRite® ProBlock® Latex Primer Sealer, B51-620 Series	P,S,U	<50 g/L	Y
4,5,6	Pro Industrial™ Pro-Cryl® Universal Primer Off White, Medium Grey & Red Oxide B66-1300 Series	P,S,U	<50 g/L	Y
7	Minwax® Performance Series Tintable Wood Stains 250 VOC	OIL STAIN	<250 g/L	Y

Substrate Key: Refer to data page for appropriate primer requirements

- | | |
|--|---|
| (1) Concrete - Poured, Precast, Tilt-Up Cast-In-Place, Cement Board Including Plaster | (7) Wood |
| (2) Concrete - Ceilings | (8) Drywall |
| (3) Masonry - (CMU - Concrete, Split Face, Scored, Smooth, Stucco, etc.) | (9) Concrete Floors |
| (4) Metal - Aluminum, Galvanized | (10) Wood Floors |
| (5) Metal - (Galvanized: Ceilings, Ductwork) | (11) Specialty Primer |
| (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall | P,S,U= Primer, Sealer, Undercoater |

Per NGBS 901.9 Interior Architectural Coatings: A minimum of 85 percent of the interior architectural coatings are in accordance with either Section 901.9.1 or Sections 901.9.3 not both. A minimum of 85 percent of the architectural colorants are in accordance with either Section 901.9.2

Per NGBS Chapter 9 Indoor Environmental Quality, Section 901.9.1 Site-Applied Interior Architectural Coatings: As of the date of printing, all products included in this specification are in accordance with CARB Suggested Control Measure for Architectural Coatings dated February 1, 2008. Refer to CARB's Table 1,(opposite page) "VOC Content Limits for Architectural Coatings" and NGBS' Table 901.9.2, "VOC Content Limits for Colorants" found on the opposite page. Refer to the 2015 edition of the National Green Building Standard for other methods of obtaining points in this category. For more information on coating rules applicable to NGBS go to: www.nahb.org

Per NGBS 901.9.3 Site-applied interior architectural coatings, which are inside the waterproofing envelope, are in accordance with the emissions levels of CDPH/EHLB Standard Method v1.2-2017. Emission levels are determined by a laboratory accredited to ISO/IEC 17025 and the CDPH/EHLB Standard Method v1.2-2017 in its scope of accreditation. The product is certified by a third-party program accredited to ISO 17065, such as, but not limited to, those found in Appendix D. Appendix D: 901.9 Architectural Coatings UL GREENGUARD Gold. Refer to GREENGUARD Gold certified products.

CARB-SCM 2007 VOC rules were effective 1/1/2011 for more information see: <http://www.arb.ca.gov>

^ Category classification based on CARB-SCM 2007 definitions.

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

VOC Content Limits For Architectural Coatings

CARB Suggested Control Measure for Architectural Coatings dated February 1, 2008 Table 901.9.1 VOC Content Limits for Architectural Coatings ^{a,b,c}	updated 06/08/20
Coating Category	Limits ^d (g/L)
Flat Coatings	50
Non-flat Coatings	100
Non-flat – High Gloss Coatings	150
Specialty Coatings	
Aluminum Roof Coatings	400
Basement Specialty Coatings	400
Bituminous Roof Coatings	50
Bituminous Roof Primers	350
Bond Breakers	350
Concrete Curing Compounds	350
Concrete/Masonry Sealers	100
Driveway Sealers	50
Dry Fog Coatings	150
Faux Finishing Coatings	350
Fire Resistive Coatings	350
Floor Coatings	100
Form-Release Compounds	250
Graphic Arts Coatings (Sign Paints)	500
High Temperature Coatings	420
Industrial Maintenance Coatings	250
Low Solids Coatings	120 ^e
Magnesite Cement Coatings	450
Mastic Texture Coatings	100
Metallic Pigmented Coatings	500
Multi-Color Coatings	250
Pre-Treatment Wash Primers	420
Primers, Sealers, and Undercoaters	100
Reactive Penetrating Sealers	350
Recycled Coatings	250
Roof Coatings	50
Rust Preventative Coatings	250
Shellacs, Clear	730
Shellacs, Opaque	550
Specialty Primers, Sealers, and Undercoaters	100
Stains	250
Stone Consolidants	450
Swimming Pool Coatings	340
Traffic Marking Coatings	100
Tub and Tile Refinish Coatings	420
Waterproofing Membranes	250
Wood Coatings	275
Wood Preservatives	350
Zinc-Rich Primers	340

a. The specified limits remain in effect unless revised limits are listed in subsequent columns in the table

b. Values in this table are derived from those specified by the California Air Resources Board, Architectural Coatings Suggested Control Measure for Architectural Coatings dated February 1, 2008

c. Table 901.9.1 architectural coating regulatory category and VOC content compliance determination shall conform to the California Air Resources Board, Architectural Coatings Suggested Control Measure for Architectural Coatings dated February 1, 2008

d. Limits are expressed as VOC Regulatory (except as noted), thinned to the manufacturer's maximum thinning recommendation, excluding any colorant added to tint bases.

e. Limit is expressed as VOC Actual.

901.9.2 Architectural coating colorant additive VOC content is in accordance with Table 901.9.2 (Points for 901.9.2 are awarded only if base architectural coating is in accordance with 901.9.1)	
NGBS Table 901.9.2	
VOC Content Limits For Colorants	
COLORANT	Limit (g/l)
Architectural Coatings, excluding IM Coatings	50
Solvent-Based IM	600
Waterborne IM	50

CalGreen® 2019 (California Green Building Standards):TITLE 24, Part 11

Effective date January 1, 2020

updated 03/01/2021

Contributes toward satisfying 5.504.4.3 & 4.504.2.2

PRODUCTS	CALGREEN CATEGORY	PRODUCT VOCs†	NON RESIDENTIAL 5.504.4.3 ^a	RESIDENTIAL 4.504.2.2 ^b
Pro Industrial Waterbased DryFall Flat,Eg-Shel & Semi-Gloss, B42-180, B42-80 series	DRY FOG	<50 g/L	YES	YES
Cashmere® Interior D16-150 Series	FLAT	<50 g/L	YES	YES
Duration Home® Interior Latex Flat & Matte, A95 & A96 Series	FLAT	<50 g/L	YES	YES
EcoSelect Interior Flat, A21 Series	FLAT	<50 g/L	YES	YES
Emerald Interior Flat & Matte, K35 & K36 Series	FLAT	<50 g/L	YES	YES
Harmony Interior Latex Flat, B5 Series	FLAT	<50 g/L	YES	YES
ProMar 200 Zero VOC Latex Flat B30-2600/12600, Low Sheen B24-2600 & Low Gloss, B41-2600 Series	FLAT	<50 g/L	YES	YES
ProMar® 400 Zero VOC Interior Latex Flat, B30-4600, Low Sheen, B24-4600 Series	FLAT	<50 g/L	YES	YES
Property Solution™ Interior Flat, B30W3050	FLAT	<50 g/L	YES	YES
Painters Edge Interior Flat, PE3000051 & PE3000053	FLAT	<50 g/L	YES	YES
Solo Interior/Exterior Flat, A74 Series	FLAT	<50 g/L	YES	YES
Porch & Floor Enamel, A32 Series	FLOOR	<50 g/L	YES	YES
Pro Industrial™ Pre-Catalyzed Epoxy Eg-Shel & Semi-Gloss, K45-1150 & K46-1150 Series	INDUSTRIAL MAINTENANCE	<50 g/L	YES	YES
Pro Industrial™ Pre-Catalyzed Waterbased Urethane, B65W01121	INDUSTRIAL MAINTENANCE	<100 g/L	YES	YES
Pro Industrial™ Pro-Cryl® Universal Primer Off White, Medium Grey & Red Oxide B66-1300 Series	INDUSTRIAL MAINTENANCE	<50 g/L	YES	YES
Pro Industrial™ Water Based Acrolon 100, B65W00721/B65V00720	INDUSTRIAL MAINTENANCE	<100 g/L	YES	YES
Pro Industrial Water Based Catalyzed Epoxy, B73-300 Series	INDUSTRIAL MAINTENANCE	<50 g/L	YES	YES
Pro Industrial Gloss, Semi-Gloss & Eg-Shel Acrylic Coating, B66-600/1660 Series	INDUSTRIAL MAINTENANCE	<50 g/L	YES	YES
Pro Industrial DTM Eg-Shel, Semi-Gloss & Gloss, B66-1200, B66-1150 & B66-1050 Series	INDUSTRIAL MAINTENANCE	<50 g/L	YES	YES
Cashmere Interior Pearl, Low Lustre and Medium Lustre, D17, D15 & D18-150 Series	NON-FLAT	<50 g/L	YES	YES
Duration Home Latex Satin & S/G, A97 & A98 Series	NON-FLAT	<50 g/L	YES	YES
EcoSelect Interior Eg-Shel & Semi-Gloss, A22 & A20 Series	NON-FLAT	<50 g/L	YES	YES
Emerald Interior Satin & Semi-Gloss, K37 & K38 Series	NON-FLAT	<50 g/L	YES	YES
Emerald® Urethane Trim Enamel, Satin, Semi-Gloss & Gloss K36, K37 & K38 Series	NON-FLAT	<50 g/L	YES	YES
Harmony Latex Eg-Shel & S/G, B9 & B10 Series	NON-FLAT	<50 g/L	YES	YES
ProMar 200 HP Acrylic Latex Low Gloss Eg-Shel, B41-1900 Series	NON-FLAT	<50 g/L	YES	YES
ProMar 200 HP Acrylic Latex Eg-Shel & Semi-Gloss, B20-1900 & B31-1950 Series	NON-FLAT	<50 g/L	YES	YES
ProMar® 200 Zero VOC Latex Eg-Shel, B20-2600,12600 & Semi-Gloss, B31-2600 Series	NON-FLAT	<50 g/L	YES	YES
ProMar® 200 & 400 Zero VOC Latex Gloss B21-12650, B21-4650 Series	NON-FLAT	<50 g/L	YES	YES
ProMar® 400 Zero VOC Latex Eg-Shel B20-4600, Semi-Gloss B31-4600 Series	NON-FLAT	<50 g/L	YES	YES
ProClassic™ Interior Waterbased Acrylic-Alkyd Satin, B33 & Semi-Gloss, B34 Series	NON-FLAT	<50 g/L	YES	YES
Property Solution™ Interior Eg-Shel, B20W3050 & Semi-Gloss, B31W3060	NON-FLAT	<50 g/L	YES	YES
Solo Interior/Exterior Eg-Shel, Satin, Semi-Gloss & Gloss, A75,A73, A76 & A77 Series	NON-FLAT	<50 g/L	YES	YES
Builders Solution™ Surfacer, A63W100	P,S,U	<100 g/L	YES	YES
ConFlex Block Filler, CF01W0050	P,S,U	<50 g/L	YES	YES
Harmony Interior Latex Primer, B11	P,S,U	<50 g/L	YES	YES
Loxon® Acrylic Block Surfacer, LX01 Series	P,S,U	<100 g/L	YES	YES
Loxon® Concrete & Masonry Primer, LX02 Series	P,S,U	<50 g/L	YES	YES
Loxon® Acrylic Conditioner , Clear & Guide Coat White, LX03 Series	P,S,U	<50 g/L	YES	YES
Multi-Purpose Waterbased Acrylic-Alkyd Primer, B79W450	P,S,U	<50 g/L	YES	YES
PrepRite® ProBlock® Latex Primer Sealer, B51-620 Series	P,S,U	<50 g/L	YES	YES
Premium Wall & Wood Primer, B28W8111	P,S,U	<50 g/L	YES	YES
ProMar® 200 Zero VOC Primer, B28W2600 & ProMar® 400 Zero VOC Primer, B28W4600	P,S,U	<50 g/L	YES	YES
Minwax® Performance Series Tintable Wood Stains 250 VOC	STAIN	<250 g/L	YES	YES

^aPer CalGreen: NONRESIDENTIAL MANDATORY MEASURES 5.504.4.3 Paints and coatings. Architectural paints and coatings shall comply with VOC limits in Table 1 of the ARB Architectural Coatings Suggested Control Measure, as shown in Table 5.504.4.3, **unless more stringent local limits apply**. The VOC content limit for coatings that do not meet the definitions for the specialty coatings categories listed in Table 5.504.4.3 (opposite page), shall be determined by classifying the coating as a Flat, Nonflat or Nonflat-High Gloss coating, based on its gloss, as defined in Subsections 4.21, 4.36 and 4.37 of the 2007 California Air Resources Board, Suggested Control Measure and the corresponding Flat, Nonflat or Nonflat-High Gloss VOC limit in Table 5.504.4.3 shall apply.

^bPer CalGreen: RESIDENTIAL MANDATORY MEASURES 4.504.2.2 Paints and coatings. Architectural paints and coatings shall comply with VOC limits in Table 1 of the ARB Architectural Suggested Control Measure, as shown in Table 4.504.3, **unless more stringent local limits apply**. The VOC content limit for coatings that do not meet the definitions for the specialty coatings categories listed in Table 4.504.3 (opposite page), shall be determined by classifying the coating as a Flat, Nonflat or Nonflat-High Gloss coating, based on its gloss, as defined in subsections 4.21, 4.36, and 4.37 of the 2007 California Air Resources Board, Suggested Control Measure, and the corresponding Flat, Nonflat or Nonflat-High Gloss VOC limit in Table 4.504.3 shall apply.

P,S,U= Primer, Sealer, Undercoater

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

CalGreen® 2019 (California Green Building Standards): Title 24, Part 11 Tables

VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS ^{2,3} Grams of VOC per Liter of Coating, Less Water and Less Exempt Compounds NONRESIDENTIAL TABLE 5.504.4.3	updated 06/08/2020
Coating Category	Limited (g/l)
Flat Coatings	50
Non-flat Coatings	100
Non-flat – High Gloss Coatings	150
Specialty Coatings	
Aluminum Roof Coatings	400
Basement Specialty Coatings	400
Bituminous Roof Coatings	50
Bituminous Roof Primers	350
Bond Breakers	350
Concrete Curing Compounds	350
Concrete/Masonry Sealers	100
Driveway Sealers	50
Dry Fog Coatings	150
Faux Finishing Coatings	350
Fire Resistive Coatings	350
Floor Coatings	100
Form-Release Compounds	250
Graphic Arts Coatings (Sign Paints)	500
High Temperature Coatings	420
Industrial Maintenance Coatings	250
Low Solids Coatings ¹	120
Magnesite Cement Coatings	450
Mastic Texture Coatings	100
Metallic Pigmented Coatings	500
Multi-Color Coatings	250
Pre-Treatment Wash Primers	420
Primers, Sealers, and Undercoaters	100
Reactive Penetrating Sealers	350
Recycled Coatings	250
Roof Coatings	50
Rust Preventative Coatings	250
Shellacs, Clear	730
Shellacs, Opaque	550
Specialty Primers, Sealers, and Undercoaters	100
Stains	250
Stone Consolidants	450
Swimming Pool Coatings	340
Traffic Marking Coatings	100
Tub and Tile Refinish Coatings	420
Waterproofing Membranes	250
Wood Coatings	275
Wood Preservatives	350
Zinc-Rich Primers	340

1. Grams of VOC Per liter of coating, including water and including exempt compounds.

2. The specified limits remain in effect unless revised limits are listed in subsequent columns in the table.

3. Values in this table are derived from those specified by the California Air Resources Board, Architectural Coatings Suggested Control Measure, February 1, 2008.

More information is available at Air Resources Board. www.arb.ca.gov

VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS ^{2,3} Grams of VOC per Liter of Coating, Less Water and Less Exempt Compounds RESIDENTIAL TABLE 4.504.3	updated 06/08/2020
Coating Category	Limited (g/l)
Flat Coatings	50
Non-flat Coatings	100
Non-flat – High Gloss Coatings	150
Specialty Coatings	
Aluminum Roof Coatings	400
Basement Specialty Coatings	400
Bituminous Roof Coatings	50
Bituminous Roof Primers	350
Bond Breakers	350
Concrete Curing Compounds	350
Concrete/Masonry Sealers	100
Driveway Sealers	50
Dry Fog Coatings	150
Faux Finishing Coatings	350
Fire Resistive Coatings	350
Floor Coatings	100
Form-Release Compounds	250
Graphic Arts Coatings (Sign Paints)	500
High Temperature Coatings	420
Industrial Maintenance Coatings	250
Low Solids Coatings ¹	120
Magnesite Cement Coatings	450
Mastic Texture Coatings	100
Metallic Pigmented Coatings	500
Multi-Color Coatings	250
Pre-Treatment Wash Primers	420
Primers, Sealers, and Undercoaters	100
Reactive Penetrating Sealers	350
Recycled Coatings	250
Roof Coatings	50
Rust Preventative Coatings	250
Shellacs, Clear	730
Shellacs, Opaque	550
Specialty Primers, Sealers, and Undercoaters	100
Stains	250
Stone Consolidants	450
Swimming Pool Coatings	340
Traffic Marking Coatings	100
Tub and Tile Refinish Coatings	420
Waterproofing Membranes	250
Wood Coatings	275
Wood Preservatives	350
Zinc-Rich Primers	340

1. Grams of VOC Per liter of coating, including water and including exempt compounds.

2. The specified limits remain in effect unless revised limits are listed in subsequent columns in the table.

3. Values in this table are derived from those specified by the California Air Resources Board, Architectural Coatings Suggested Control Measure, February 1, 2008.

More information is available at Air Resources Board. www.arb.ca.gov

This information is furnished only as a guide and is not all-inclusive of available Sherwin-Williams products. Refer to the MPI complete product list for more Sherwin-Williams acceptable products www.paintinfo.com

MPI® Acceptable: GPS-1, GPS-2 & X-Green						updated 03/01/2021
MPI#	PRODUCTS	MPI CATEGORY	MPI GPS-1	MPI GPS-2	X-Green	PRODUCT VOCs†
3	PrepRite Problock Interior/Exterior Latex Primer, B51W620	SPECIALITY PRIMERS	YES	YES	YES	<50 g/L
3	Loxon® Concrete & Masonry Primer, LX02 Series	SPECIALITY PRIMERS	YES	YES	YES	<50 g/L
4	Pro Industrial™ Heavy Duty Block Filler, B42W00150	SPECIALITY PRIMERS	YES	YES	YES	<50 g/L
4	ConFlex Block Filler, CF01W50	SPECIALITY PRIMERS	YES	YES	YES	<50 g/L
17	Extreme Bond Primer, B51 Series	PRIMERS & UNDERCOATERS	YES	YES	YES	<50 g/L
43	ProMar 200 HP Zero VOC Semi-Gloss, B31-1950 Series	INT/NON-FLAT	YES	YES	YES	<50 g/L
43	ProMar 200 Zero VOC Latex Semi-Gloss, B31W2651	INT/NON-FLAT	YES	YES	YES	<50 g/L
44	ProMar 200 Zero VOC Latex Low-Gloss Eg-Shel, B41W2651	INT/NON-FLAT	YES	YES	YES	<50 g/L
44	ProMar 200 Zero VOC Latex Low-Sheen, B24W2651	INT/NON-FLAT	YES	YES	YES	<50 g/L
50	Harmony® Interior Latex Primer, B11	PRIMERS & UNDERCOATERS	YES	YES	YES	<50 g/L
50	ProMar® 200 Zero VOC Primer, B28W2600	PRIMERS & UNDERCOATERS	YES	YES	YES	<50 g/L
52	ProMar 200 Zero VOC Latex Eg-Shel, B20W12651	INT/NON-FLAT	YES	YES	YES	<50 g/L
52	ProMar 200 HP Zero VOC Eg-Shel, B20-1950 Series	INT/NON-FLAT	YES	YES	YES	<50 g/L
53	Emerald Interior Acrylic Matte, K35 & K36 Series	INT/FLAT	YES	YES	YES	<50 g/L
53	Harmony® Interior Latex Flat, B5	INT/FLAT	YES	YES	YES	<50 g/L
53	ProMar® 200 Zero VOC Interior Flat B30W12651 series	INT/FLAT	YES	YES	YES	<50 g/L
54	Emerald Interior Acrylic Semi-Gloss, K38W351	INT/NON-FLAT	YES	YES	YES	<50 g/L
107	Pro Industrial Pro-Cryl Universal Primer B66-1300 Series	PRIMERS & UNDERCOATERS	YES	YES	YES	<50 g/L
114	Pro Industrial Acrylic Gloss Coating, B66W611	INT/NON-FLAT	YES	YES	YES	<50 g/L
115	Pro Industrial Water Based Catalyzed Epoxy, B73W311	INDUSTRIAL MAINTENANCE	YES	YES	YES	<50 g/L
134	Pro Industrial DTM Acrylic Primer/Finish B66W00011	INDUSTRIAL MAINTENANCE	YES	YES	YES	<50 g/L
137	Multi-Purpose Latex Primer, B51W450	SPECIALITY PRIMERS	YES	YES	YES	<50 g/L
138	ProMar 200 HP Zero VOC Int Acrylic Low Gloss Eg-Shel, B41-1900 Series	INT/NON-FLAT	YES	YES	YES	<50 g/L
139	ProMar 200 HP Zero VOC Int Acrylic Eg-Shel, B20-1900 Series	INT/NON-FLAT	YES	YES	YES	<50 g/L
139	Pro Industrial Acrylic Eg-Shel, B66-1660 Series	INT/NON-FLAT	YES	YES	YES	<50 g/L
140	ProMar 200 HP Zero VOC Semi-Gloss, B31-1950 Series	INT/NON-FLAT	YES	YES	YES	<50 g/L
141	Emerald Interior Acrylic Semi-Gloss, K38 Series	INT/NON-FLAT	YES	YES	YES	<50 g/L
141	Pro Industrial Acrylic Semi-Gloss Coating, B66W651	INT/NON-FLAT	YES	YES	YES	<50 g/L
141	Pro Industrial Pre-Cat Epoxy Eg-Shel, K45W01151	INT/NON-FLAT	YES	YES	YES	<50 g/L
143	Harmony® Interior Latex Flat, B5 Series	INT/FLAT	YES	YES	YES	<50 g/L
143	Emerald Interior Acrylic Flat, K35 & K36 Series	INT/FLAT	YES	YES	YES	<50 g/L
143	ProMar® 200 Zero VOC Interior Flat B30W12651	INT/FLAT	YES	YES	YES	<50 g/L
144	Harmony® Interior Latex Eg-Shel, B9 Series	INT/NON-FLAT	YES	YES	YES	<50 g/L
144	ProMar 200 HP Zero VOC Int Acrylic Low Gloss Eg-Shel, B41-1900 Series	INT/NON-FLAT	YES	YES	YES	<50 g/L
145	ProMar 200 HP Zero VOC Int Acrylic Eg-Shel, B20-1900 Series	INT/NON-FLAT	YES	YES	YES	<50 g/L
145	Pro Industrial Acrylic Eg-Shel, B66-1660 Series	INT/NON-FLAT	YES	YES	YES	<50 g/L
146	ProMar 200 HP Zero VOC Semi-Gloss, B31-1950 Series	INT/NON-FLAT	YES	YES	YES	<50 g/L
147	Emerald Interior Acrylic Semi-Gloss, K38 Series	INT/NON-FLAT	YES	YES	YES	<50 g/L
147	Pro Industrial Acrylic Semi-Gloss Coating, B66-650 Series	INT/NON-FLAT	YES	YES	YES	<50 g/L
148	Pro Industrial Acrylic Gloss Coating, B66-600 Series	INT/NON-FLAT	YES	YES	YES	<50 g/L
149	Harmony® Interior Latex Primer, B11 Series	PRIMERS & UNDERCOATERS	YES	YES	YES	<50 g/L
149	ProMar® 200 Zero VOC Primer, B28W2600	PRIMERS & UNDERCOATERS	YES	YES	YES	<50 g/L
149	Multi-Purpose Latex Primer, B51W450	PRIMERS & UNDERCOATERS	YES	YES	YES	<50 g/L
151	Pro Industrial Acrylic Eg-Shel, B66-1660 Series	INT/NON-FLAT	YES	YES	YES	<50 g/L
151	Pro Industrial Pre-Cat Epoxy Eg-Shel, K45W01151	INT/NON-FLAT	YES	YES	YES	<50 g/L
153	Pro Industrial Acrylic Semi-Gloss Coating, B66W651	INT/NON-FLAT	YES	YES	YES	<50 g/L
153	Pro Industrial Pre-Cat Epoxy Semi-Gloss, K46W01151 Series	INT/NON-FLAT	YES	YES	YES	<50 g/L
154	Pro Industrial Acrylic Gloss Coating, B66W611	INT/NON-FLAT	YES	YES	YES	<50 g/L
254	Pro Industrial Water Based Catalyzed Epoxy, B73W311	INDUSTRIAL MAINTENANCE	YES	YES	YES	<50 g/L

Master Painters Institute™ (MPI) The MPI's Green Performance® Standard (GPS-1-12) requires that the manufacturer demonstrate that VOC concentrations of the product shall not exceed those listed at paintinfo.com

Categories are based upon MPI classification. MPI Green Performance® Standard (GPS-2-12) provides for a maximum allowable limit of 50 g/L of VOCs. MPI's X-Green Performance Standard simplifies the process of specifying environmentally-safe interior high quality architectural coatings by establishing 'X-Green' editions of MPI's existing paint categories. X-Green certification requires performance i.e. as it relates to durability; VOC <50 g/L; reduced or zero quantities of various undesirable chemical components; and certification of emissions compliance to CHPS (Collaborative for High Performance Schools). †Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen. More information can be found at www.paintinfo.com

This information is furnished only as a guide and is not all-inclusive of available Sherwin-Williams products. Links directly to the certificates have been added for convenience.

UL GREENGUARD® certified/CDPH v1.1 & 1.2-2017 Acceptable Emissions certified Sherwin-Williams Paint Product List		updated 03/01/2021
PRODUCTS	PRODUCT NUMBERS	GREENGUARD Gold, CDPH v1.2
All Surface HP Enamel Eg-Shel, Semi-Gloss & Gloss -Canada Only	A43, A41 & A42-Q8050 Series	Certified
All Surface Enamel Satin & Gloss	A41-1350 & A41-1250 Series	Certified
Armorseal® 8100 Water Based Epoxy Floor Coating	B70-8100/8160 Series	Certified
ConFlex Block Filler	CF01W0050	Certified
ColorCast Ecotoners	CCE-AC series	Certified
Dry Erase Coating	KB65C2000	Certified
Drywall Primer Interior	B28W08150	Certified
EcoSelect® Interior Flat, Eg-Shel & Semi-Gloss	A21, A22 & A20 Series	Certified
Emerald® Interior Flat & Matte	K35 & K36 Series	Certified
Emerald® Interior Satin & Semi-Gloss	K37 & K38 Series	Certified
Eminence® Ceiling Paint	A27	Certified
Extreme Bond Bonding Primer	B51-1100 Series	Certified
Harmony® Interior Latex Flat, Eg-Shel, & Semi-Gloss & Primer	B5, B9 & B10 Series & B11	Certified
Loxon® Acrylic Conditioner Clear & Guide Coat White	LX03V0100 & LX03W0100	Certified
Loxon® Concrete & Masonry Primer	LX02W0050 Series	Certified
Multi-Purpose Latex Primer	B51-450 Series	Certified
Multi-Purpose Waterbased Acrylic-Alkyd Primer	B79W450	Certified
PrepRite® ProBlock® Latex Primer	B51-620 Series	Certified
ProMar® 200 HP Zero VOC Latex Low Gloss Eg-Shel, Eg-Shel & S/G	B41, B20, & B31-1950 Series	Certified
ProMar® 200 Zero VOC Interior Latex Eg-Shel,	B20-12600 Series	Certified
ProMar® 200 Zero VOC Interior Latex Flat	B30-2600/12600 Series	Certified
ProMar® 200 Zero VOC Interior Latex Low Gloss Eg-Shel	B41-2600 Series	Certified
ProMar® 200 Zero VOC Interior Latex Low Sheen	B24-2600 Series	Certified
ProMar® 200 Zero VOC Interior Latex Semi-Gloss & Gloss	B31-2600 & B21-12650 Series	Certified
ProMar® 200 & 400 Zero VOC Primer	B28W2600 B28W4600	Certified
ProMar® 400 Zero VOC Interior Latex Eg-Shel	B20-4600 Series	Certified
ProMar® 400 Zero VOC Interior Latex Flat	B30-4600 Series	Certified
ProMar® 400 Zero VOC Interior Latex Low Sheen	B24-4600 Series	Certified
ProMar® 400 Zero VOC Interior Latex Semi-Gloss & Gloss	B31-4600 & B21-4650 Series	Certified
ProMar Ceiling Paint	A27W5050	Certified
Pro Industrial™ Acrylic Coating, Gloss, Semi-Gloss & Eg-Shel	B66-660, B66-1660, 650 & 600 Series	Certified
Pro Industrial™ DTM Primer/Finish	B66W00011	Certified
Pro Industrial™ Heavy Duty Block Filler	B42W00150	Certified
Pro Industrial™ Water Based Catalyzed Epoxy	B73-300 Series	Certified
Pro Industrial™ Pre-Catalyzed Waterbased Urethane	B65W01121	Certified
Pro Industrial™ Pre-Catalyzed Epoxy Eg-Shel & Semi-Gloss	K45-1150 & K46-1150 Series	Certified
Pro Industrial™ Water Based Acrolon 100	B65W00721/B65V00720	Certified
Pro Industrial™ Pro-Cryl® Universal Primer Off White, Medium Grey & Red Oxide	B66-1300 Series	Certified
Quick Dry Stain Blocking Primer	B51W8670	Certified
Solo® Interior/Exterior Flat, Eg-Shel, Satin, Semi-Gloss & Gloss	A74, A75, A73, A76 & A77 Series	Certified
SuperPaint with Air Purifying Technology! Flat, Satin & Semi-Gloss	A86W00061 A87, A88W61 Series	Certified
Tuff Surface Premium Texture Flat & Eg-Shel	A44W1050 & A44W1350	Certified
Loxon Water Blocking Primer/Finish	LX12W0050 Series	Certified
Waterborne Acrylic DryFall -Flat, Eg-Shel & Semi-Gloss White, Flat Black & Ultradeep	B42W181, B42W82 B42W83 & B42B00081 B42T00081	Certified

Standard method for the testing and evaluation of volatile organic chemical emissions from indoor sources using environmental chambers version 1.2 This credit requires products to be tested in accordance with the California Department of Health Services (CDPH) V1.2-2017. Section 6 of the CDPH Standard Practice defines the provision required for "REQUIRED ELEMENTS OF THE LABORATORY TEST REPORT".

The products listed above have been independently certified by UL Environment in accordance with "UL 2818 –GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings," and/or Standard referenced: CDPH/EHLB/Standard Method V1.2 (January 2017) "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers" (aka CA Section 01350). For more information, see <http://www.cdph.ca.gov> Building products and Interior finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using the applicable exposure scenario(s).

GREENGUARD Certified products are certified to UL GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com. Certificates can be found on: spot.ul.com or www.paintdocs.com

Sherwin-Williams Caulks and Sealants				updated 03/01/2021
PRODUCTS	PRODUCT NUMBERS	Ounces	PRODUCT VOCs†	CATEGORY*
Loxon® S1 Smooth Polyurethane Sealant	SU21S Series	10.1 & 20 oz	< 50 g/L	SCCN R1168 Architectural Sealants
Loxon® TX Textured Polyurethane Sealant	SU31T Series	10.1 & 20 oz	< 50 g/L	SCCN R1168 Architectural Sealants
Loxon® HI Low Modulus Hybrid Sealant	SU51H Series	10.1 & 20 oz	< 50 g/L	R1168 Architectural Sealants
Loxon® SL1 Self Leveling Polyurethane Sealant	SU41L Series	28	< 50 g/L	R1168 Architectural Sealants
Loxon® NS2 Two Component Non Sag Polyurethane Sealant	SU2KS Series	192	< 50 g/L	R1168 Architectural Sealants
Loxon® SL2 Two Component Self Leveling Polyurethane Sealant	SU2KL Series	192	< 50 g/L	R1168 Architectural Sealants
SHER-MAX Urethaned Elastomeric Sealant	WL001360A / WL002350A	10.1 oz	< 50 g/L	SCCN
MAXFLEX Acrylic Urethane Elastomeric Sealant	WL9990024	10.1 oz	< 50 g/L	SCCN
POWER HOUSE Siliconized Acrylic Sealant	WL1100A Series	10.1 oz	< 50 g/L	SCCN
1050QD Siliconized Acrylic Latex Caulk	WL01050QD	10.1 oz	< 50 g/L	SCCN
950A Siliconized Acrylic Latex Caulk	950A Series	10.1 oz	< 50 g/L	SCCN
MAGNUM XL Siliconized Acrylic Latex Adhesive Caulk	WL9990030	10.1 oz	< 50 g/L	SCCN
850A Acrylic Latex Caulk	WL0850A	10.1 oz	< 50 g/L	SCCN
NR5000	WL000660A	10.1 oz	< 50 g/L	SCCN
NR4000	WL000650A	10.1 oz	< 50 g/L	SCCN
MH150	WL30110	10.1 oz	< 50 g/L	SCCN
C77 Shrink Free Spackling	WL077 Series	8, 32 & 128 oz	< 50 g/L	R1168 Architectural Sealants
C50 Spackling Paste	WL050 Series	8 & 32 oz	< 50 g/L	R1168 Architectural Sealants
3006 ULTRA All Purpose Elastomeric Sealant	W11000010 Series	10/5.5 oz	< 50 g/L	SCCN
BOLT Quick Dry Siliconized Acrylic Latex Caulk	W31010010 Series	10/5.5 oz	< 50 g/L	SCCN
3006 Advanced Formula All Purpose Adhesive Caulk	W12000010 Series	10/5.5 oz	< 50 g/L	SCCN
Silicone Ultra Window & Door Sealant	W31000010 Series	9 oz	< 50 g/L	SCCN
Paintable Silicone All Purpose Sealant	W31202210	9 oz	< 50 g/L	SCCN
Speed Grip Latex Construction Adhesive	W70100010	9 oz	< 50 g/L	SCCN
Kitchen & Bath Latex Ultra High Gloss Sealant	W21000005	10/5.5 oz	< 50 g/L	SCCN
Color Cue Lightweight Spackling Compound	WL0006052	32 oz	< 50 g/L	R1168 Architectural Sealants

*Most of the above caulks and sealant products are covered by California's Consumer Product Regulation as either a chemically curing sealant (SCCC) or a non-chemically curing sealant (SCCN). However, if the product is sold in more than 16 ounces, it is then picked up by the South Coast Regulation R1168.

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and color.

UL GREENGUARD/ CDPH V1.1 & 1.2 Certification-Caulk/Sealants	
PRODUCTS	GREENGUARD Gold CDPH Method V1.1 & 1.2 (CA01350)
950A Acrylic Latex Caulk	Certified
PowerHouse® Acrylic Latex Sealant, 1100A	Certified
Loxon® HI One Component Hybrid Sealant	Certified
Loxon® S1 One Component Polyurethane Sealant	Certified
White Lightning® 3006 Ultra® W1100 Series	Certified
White Lightning® 3006™ Advanced Formula, W12AF Series	Certified
White Lightning® 3006 Quick Dry™, W12QD Series	Certified
White Lightning® All Purpose Silicone Rubber, W1112 Series	Certified
White Lightning® Flame Buster® W44017010 High Heat	Certified
White Lightning® Flame Buster Intumescent Latex W44007010	Certified
White Lightning® Flame Buster® Intumescent Silicone Sealant W44107010	Certified
White Lightning® Flame Buster® Fire & Smoke Blocking Silicone Sealant W44117010	Certified
White Lightning® Optima™ Hybrid Sealant W31200010	Certified
White Lightning® Pristine™ Acrylic Sealant W30000010	Certified
White Lightning® Silicone Ultra Kitchen & Bath, W21102010 Series	Certified
White Lightning® Speed Grip Construction Adhesive, W70100010	Certified

The products listed above in the UL GREENGUARD Certifications-Caulk/Sealants table have been independently certified by UL Environment in accordance with "UL 2818 – GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings," and/or Standard referenced: CDPH/EHLB/Standard Method V1.2 (January 2017) "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers" (aka CA Section 01350). For more information, see <http://www.cdph.ca.gov> Building products and Interior finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using the applicable exposure scenario(s). GREENGUARD Certified products are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com. Certificates can be found on: spot.ul.com

CDPH Certification Sherwin-Williams High Performance Flooring					updated 03/01/2021
PRODUCTS	Product Category	VOC	CDPH v1.2-2017	Product Compliant Classroom or Office	TVOC
Traffico Metallic: System consists of Primer / Base Coat 3746, Body Coat 3746 clear with metallic pigment, Topcoat 4686	Flooring	<100 g/L	Certification	YES, both	0.5 mg/m3 or less
Ceramic Carpet #400: System consists of Primer 3579, 3561, 1st Broadcast 5900F, 3561, 2nd Broadcast 5900F, Grout Coat 3746, Topcoat 3746	Flooring	<100 g/L	Certification	YES, both	0.5 mg/m3 or less
Decorative Mosaic: System consists of Primer 3579, Body Coat 3746, 6750/6755, Grout Coat 3746, Seal Coat 4686	Flooring	<100 g/L	Certification	YES, both	0.5 mg/m3 or less
Traffico 105: System consists of Primer 3579, Slurry 1/16" Smooth 3561, 5350 & 5310, Slurry 1/8" Non-Skid 3561, 5350 & 5310, Broadcast 5310, Grout Coat -1/8" 3746, Topcoat 3746	Flooring	<100 g/L	Certification	YES, both	0.5 mg/m3 or less
Fastop 12S: System consists of Slurry 4080, 5080, Broadcast (standard) 5310 Dry Silica Sand 20-40 mesh, Topcoat 4090TC, 5095	Flooring	<50 g/L	Certification	YES, both	0.5 mg/m3 or less
Epo-FLEX MER II: System consists of Primer 3579, Membrane 3555, Wearcourse Broadcast 3555 5310-8 Dry Silica Sand-(20-40 mesh) or Other Hard Aggregate, Topcoat 3746	Flooring	<100 g/L	Certification	YES, both	0.5 mg/m3 or less
Thin-Set Epoxy Terrazzo #1100: System consists of AVC 3460, 5310 Dry Silica Sand-(20-40 mesh), Epo-Flex Membrane 3556, Terrazzo Mortar @ 3/8" 3520, Aggregate Marble, Glass, Granite chips or other approved aggregates 5270, Grout 3520, Seal Coat 4410	Flooring	<100 g/L	Certification	YES, both	0.5 mg/m3 or less

Test Method:

Standard referenced: CDPH/EHLB/Standard Method V1.2 (January 2017) "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers" (aka CA Section 01350).

EPD Certification Sherwin-Williams High Performance Flooring						updated 03/01/2021
PRODUCTS	Declaration Number	Issue Date	Period of Validity	Program Operator	Product-Specific Type III EPD	Value
Traffico Metallic: System consists of Primer / Base Coat 3746, Body Coat 3746 clear with metallic pigment, Topcoat 4686	EPD10185	04/10/2019	04/10/2019 - 04/10/2024	NSF International	NSF Certified EPD	1.5 product
Ceramic Carpet #400: System consists of Primer 3579, 3561, 1st Broadcast 5900F, 3561, 2nd Broadcast 5900F, Grout Coat 3746, Topcoat 3746	EPD10167	04/10/2019	04/10/2019 - 04/10/2024	NSF International	NSF Certified EPD	1.5 product
Decorative Mosaic: System consists of Primer 3579, Body Coat 3746, 6750/6755, Grout Coat 3746, Seal Coat 4686	EPD10168	04/10/2019	04/10/2019 - 04/10/2024	NSF International	NSF Certified EPD	1.5 product
Traffico 105: System consists of Primer 3579, Slurry 1/16" Smooth 3561, 5350 & 5310, Slurry 1/8" Non-Skid 3561, 5350 & 5310, Broadcast 5310, Grout Coat -1/8" 3746, Topcoat 3746	EPD10172	04/10/2019	04/10/2019 - 04/10/2024	NSF International	NSF Certified EPD	1.5 product
Fastop 12S: System consists of Slurry 4080, 5080, Broadcast (standard) 5310 Dry Silica Sand 20-40 mesh, Topcoat 4090TC, 5095	EPD10170	04/10/2019	04/10/2019 - 04/10/2024	NSF International	NSF Certified EPD	1.5 product
Epo-FLEX MER II: System consists of Primer 3579, Membrane 3555, Wearcourse Broadcast 3555 5310-8 Dry Silica Sand-(20-40 mesh) or Other Hard Aggregate, Topcoat 3746	EPD10169	04/10/2019	04/10/2019 - 04/10/2024	NSF International	NSF Certified EPD	1.5 product
Thin-Set Epoxy Terrazzo #1100: System consists of AVC 3460, 5310 Dry Silica Sand-(20-40 mesh), Epo-Flex Membrane 3556, Terrazzo Mortar @ 3/8" 3520, Aggregate Marble, Glass, Granite chips or other approved aggregates 5270, Grout 3520, Seal Coat 4410	EPD10171	04/10/2019	04/10/2019 - 04/10/2024	NSF International	NSF Certified EPD	1.5 product

Per USGBC LEED v4.1: Intent:

To encourage the use of products and materials for which life-cycle information is available and that have environmentally, economically, and socially preferable life-cycle impacts. To reward project teams for selecting products from manufacturers who have verified improved environmental life-cycle impacts.

Requirements: NC, CS, SCHOOLS, RETAIL, DATA CENTERS, WAREHOUSES & DISTRIBUTION CENTERS, HOSPITALITY, HEALTHCARE

Option 1. Environmental Product Declaration (EPD) (1 point)

Use at least 20 different permanently installed products sourced from at least five different manufacturers that meet one of the disclosure criteria below.

- Products with a publicly available, critically reviewed life-cycle assessment conforming to ISO 14044 that have at least a cradle to gate scope are valued as one whole product for the purposes of credit achievement calculation.
- Product-specific Type III EPD -- Internally Reviewed.
- Industry-wide Type III EPD -- Products with third-party certification (Type III)

Environmental Product Declarations which conform to ISO 14025 and EN 15804 or ISO 21930 and have at least a cradle to gate scope.

• Product-specific Type III EPD -- Products with third-party certification (Type III), including external verification and external critical review in which the manufacturer is explicitly recognized as the participant by the program operator are valued as 1.5 products for the purposes of credit achievement calculation.

The above EPDs were independently verified by NSF International in accordance with ISO 21930 and ISO 14025, by NSF International ncss@nsf.org.

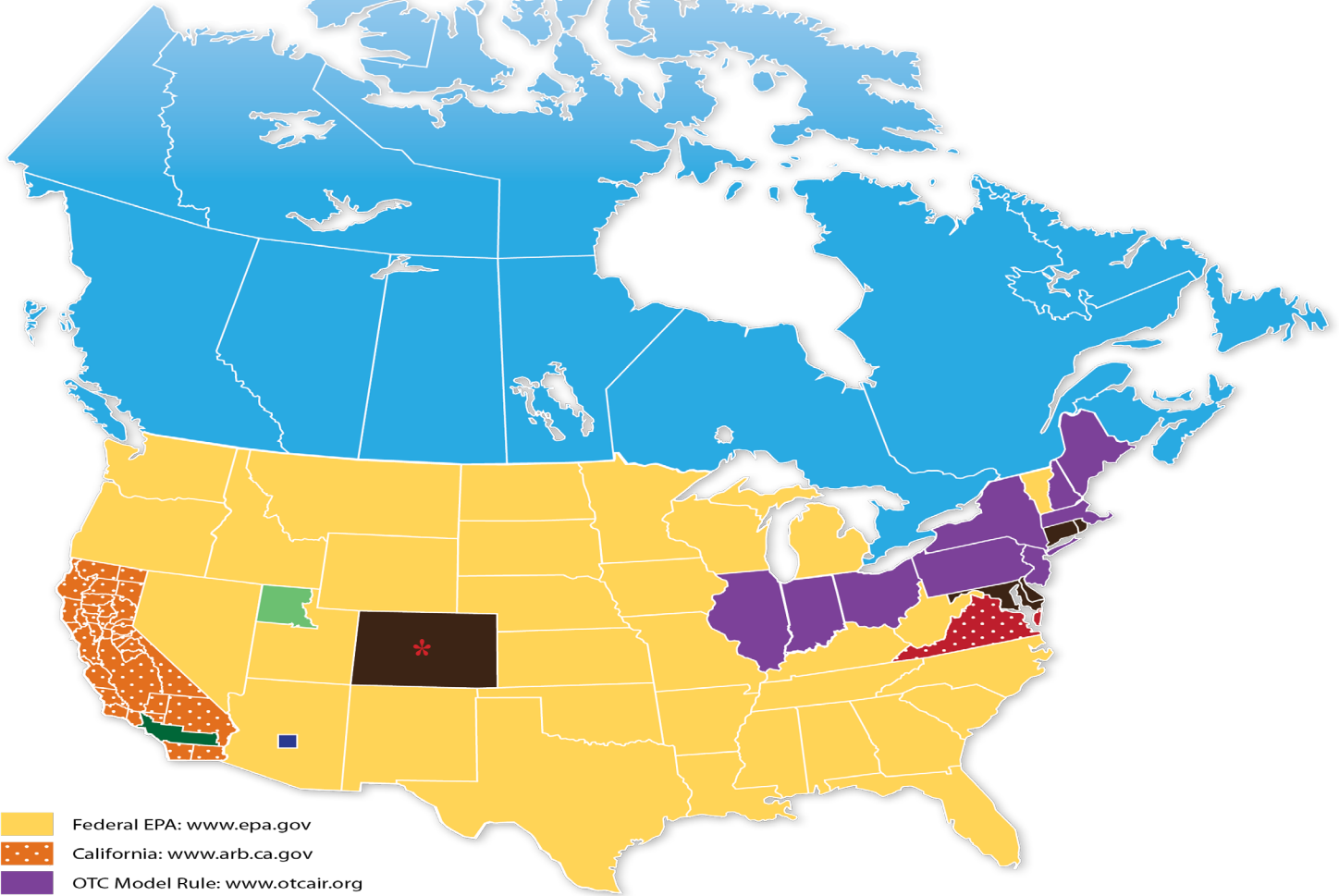
Certificates can be found on: <http://info.nsf.org/Certified/Sustain/listings.asp?ProdCat=EPD> or www.paintdocs.com This life cycle assessment was independently verified in accordance with ISO 14044 and the reference PCR by NSF International ncss@nsf.org †Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.





VOC Regulated Locations

(as of 02/01/2020)



- Federal EPA: www.epa.gov
- California: www.arb.ca.gov
- OTC Model Rule: www.otcair.org
- OTC-Phase II: www.otcair.org
- Maricopa County, Arizona: www.maricopa.gov
- California SCAQMD – South Coast Air Quality Management District: www.aqmd.gov
- Canada VOC Rule: www.ec.gc.ca
- Virginia: www.deq.virginia.gov
- Utah: www.rules.utah.gov

For current VOC information, refer to the websites as indicated.

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<p>CARB -2020 SCM VOC LIMIT EFFECTIVE DATE 1/1/2022. San Joaquin, Monterey Bay, and Mojave Desert VENTURA Effective date 7/1/2021</p> <p>California-CARB (California Air Resources Board) Architectural Coatings-2007 SCM (Suggested Control Measure): These Counties have adopted the newest SCM with an effective date during 2011. Additional counties are expected to adopt during 2013. CARB VOC EFFECTIVE 1/1/2011: ALAMEDA, CONTRA COSTA, FRESNO, IMPERIAL, KERN, KINGS, MADERA, MARIN, MERCED, NAPA, PLACER, SAN FRANCISCO, SAN MATEO, SANTA CLARA, SOLONO, STANISLAUS, TULARE, VENTURA COUNTIES, SAN BENITO, MONTEREY, SANTA CRUZ 8-15-2012, ANTELOPE VALLEY AQMD: 6/18/2014, SANTA BARBARA & FEATHER RIVER, SUTTER, YUBA COUNTIES 1/1/2015, SAN DIEGO 1/1/2016, SACRAMENTO 3/24/2016, YOLO/SOLONO & EI Dorado 1/1/2018</p> <p>California-CARB (California Air Resources Board) Architectural Coatings-2000 SCM (Suggested Control Measure): These Counties are under the previous SCM with an effective date between 2003 and 2007 CARB VOC CONTENT LIMIT: BUTTE, COLUSA, NORTHERN SONOMA, SAN LUIS OBISPO, SHASTA, TEHAMA,</p> <p>California-SCAQMD (South Coast Air Quality Management District) RULE 1113 Architectural Coatings-: The Counties below are under Rule 1113 with an effective date 01/01/2019 VOC CONTENT LIMIT: LOS ANGELES, ORANGE, RIVERSIDE AND PARTS OF SAN BERNARDINO</p> <p>Virginia DEQ (Department of Environmental Quality) 9VAC5 CHAPTER 45 CONSUMER AND COMMERCIAL PRODUCTS: Cities/Counties that have VOC rules with an effective date 1/1/2005: ARLINGTON, FAIRFAX, LOUDOUN, PRINCE WILLIAM, SPOTSYLVANIA, STAFFORD, ALEXANDRIA (CITY), FAIRFAX (CITY), FALLS CHURCH (CITY) FREDERICKSBURG (CITY), MANASSAS (CITY), MANASSAS PARK (CITY) The Cities/Counties below have an effective date 3/1/2014: CHARLES CITY, ESTERFIELD, DINWIDDIE, PETERSBURG NATIONAL BATTLEF, DINWIDDIE, WEST PETERSBURG, ESSEX, RICHMOND BEACH FAUQUIER, HOPEWELL, HANOVER, HENRICO, KING WILLIAM, PORT RICHMOND, PITTSYLVANIA, HOPEWELL, PRINCE GEORGE, WASHINGTON, COLONIAL HEIGHTS WISE, RICHMOND (MAGISTERIAL DISTRICT), BRISTOL (CITY), COLONIAL HEIGHTS, COLONIAL HEIGHTS(CITY), COLONIAL HEIGHTS, HAMPTON (CITY), COLONIAL HEIGHTS, HOPEWELL (CITY), HOPEWELL, HOPEWELL (CITY), WEST HOPEWELL, NORFOLK (CITY), COLONIAL HEIGHTS, PETERSBURG (CITY), PETERSBURG RICHMOND (CITY), EAST RICHMOND, RICHMOND (CITY), RICHMOND, RICHMOND (CITY), SOUTH RICHMOND, RICHMOND (CITY), UNIVERSITY OF RICHMOND</p> <p>OTC: VOC regulations for paints in these states DC, ME, MA, NH, NJ, NY, PA,VT, VA.</p> <p>OTC Phase II: Maryland 1/1/2017, Delaware 3/1/2017, Connecticut 5/1/2018, Rhode Island effective 1/1/2020 (RI: Wood Coatings & Speciality Primers, Sealers & Undercoaters moved back to 350 g/L 7/21/2020), OTC Phase II rules effective 5/1/2020, *Colorado adopted, NY adopted OTC Phase II rules effective date 1/1/2022</p> <p>IL, IN, OH Regulations are similar to those that have been implemented in the The Ozone Transport Commission (OTC) regions.</p> <p>Utah: VOC regulations for paints went into effect on 01/01/15 in these counties of Utah (Box Elder, Cache, Davis, Salt Lake, Tooele, Utah, and Weber counties)</p>

*Adopted dates and effective dates are not necessarily the same. For more information on these rules refer to each respective website as mentioned in the current map.

VOC — Volatile Organic Compound

Architectural and Industrial Maintenance Coating VOC Rules

This information is current as of January, 2021. Regulations are added and adjusted based on the requirements of the local governing authority. Please contact the authority in the area where the project will be coated for current information.

No attempt was made to merge similar categories among different rules.

Volatile Organic Compound (VOC) limits below are in grams per liter, less water and exempt compounds.

CATEGORY	EPA 9-99	SCAQMD 1/2019	CARB	CARB SCM 2007	CARB SCM 2020	OTC	OTC PHASE II	OHIO IL	CANADA 6/17/2019	UTAH
Antenna Coatings	530		530						530	
Anti-Fouling	450		400			400	250	400		
Anti-Graffiti (Industrial Maintenance)	600	100								
Bituminous and Mastics	500									
Bituminous Roof Coatings		350	300	50	50	300	270	300	300	270
Bituminous Roof Primers		350	350	350	350	350	350	350	350	350
Bond Breakers	600	350	350	350	350	350	350	350	350	350
Calcimine Recoaters	475					475	475	475	475	475
Chalkboard Resurfacers	450									
Concrete & Masonry Sealer				100	100		100			100
Concrete Curing and Sealing Compounds	700									
Concrete Curing Compounds	350	100	350	350	350	350	350	350	350	
Concrete Curing Compounds for Roadways and Bridges		350								
Concrete Protective	400									
Concrete Surface Retarders	780	50				780		780	780	780
Conjugated Oil Varnish								450	450	450
Conversion Varnishes	725					725	725	725	725	725
Dry Fog	400	50	400	150	50	400	150	400	400	150
Extreme High Durability	800								800	
Faux Finishing Trowel Applied Coatings		50								
Faux Finishing Clear Topcoats		100								350
Faux Finishing Decorative coatings/ Glazes/Japan		350								350
Faux Finishing/Glazing (Japans)	700		350	350	350	350	350	350	350	350
Fire-Proofing Coatings		150								
Fire Resistive			350	350	150	350	350	350	350	350
Fire Retardant, Clear			650			650		650	650	
Fire Retardant, Opaque (Pigmented)			350			350		350	350	
Fire Retardant/Resistive, Clear	850									
Fire Retardant/Resistive, Opaque	450									
Flat		50	100	50	50	100	50	100	100	50
Flats, Exterior	250									
Flats, Interior	250									
Floor Coatings	400	50	250	100	50	250	100	250	250	100
Flow Coatings	650		420			420	250	420	650	
Form Release Compounds	450	100	250	250	100	250	250	250	250	250
Graphic Arts (Sign Paints)	500	200	500	500	500	500	500	500	500	500
Heat Reactive	420									
High Temperature			420	420	420	420	420	420	420	420
High Temperature (Industrial Maintenance)	650	420								
Impacted Immersion	780					780	780	780	780	780
Industrial Maintenance	450	100	250	250	250	340	250	340	340	250
Lacquers (including lacquer sanding sealers)			550	275		550	275	550	550	
Lacquers, Clear		275								
Lacquers, Clear Brushing			680	275		680	275	680	680	
Lacquers, Clear or Pigmented (including Lacquer Sanding Sealers)	680									
Lacquers, Pigmented		275								
Low Solids Coatings*		120	120	120	120	120	120	120	120	120
Low Solids Stains	120									

VOC — Volatile Organic Compound

CATEGORY	EPA 9-99	SCAQMD 1/2019	CARB	CARB SCM 2007	CARB SCM 2020	OTC	OTC PHASE II	OHIO IL	CANADA 6/17/2019	UTAH
Low Solids Wood Preservatives	120									
Magnesite Cement	600	450	450	450	450	450	450	450		450
Mastic Texture	300	100	300	100	100	300	100	300	300	100
Metallic Pigmented	500	150	500	500	500	500	500	500	500	500
Multi-Color	580	250	250	250	250	250	250	250	250	250
Non Flats, Exterior	380									
Non Flats, Interior	380									
Nonferrous Ornamental Metal Lacquers and Surface Protectants	870									
Nonflat Coatings	380	50	150	100	50	150	100	150	150	100
Nonflat High Gloss Coatings		50	250	150		250	150	250	250	150
Nuclear (Industrial Maintenance)	450					450	450	450	450	450
Pre-Treatment Wash Primers	780	420	420	420	420	420	420	420	420	420
Primers and Undercoaters	350									
Primers, Sealers, and Undercoaters		100	200	100	100	200	100	200	200	100
Quick Dry Enamels	450		250			250		250	250	
Quick Dry Primers, Sealers, and Undercoaters	450		200	100		200	100	200	200	
Recycled Coatings		150	250	250	250	250		250	350	250
Repair and Maintenance Thermoplastic	650									
Roof Coatings	250	50	250	50	50	250	250	250	250	250
Roof, Aluminum		100	400	400	100					450
Rust Preventative	400	100	250	250	250	400	250	400	400	250
Sanding Sealers		275							350	
Sanding Sealers (Non-Lacquer)	550		350	275		350		350	350	
Sealers (Including Clear Wood Sealers)	400									
Shellacs, Clear	730	730	730	730	730	730	730	730	730	730
Shellacs, Opaque	550	550	550	550	550	550	550	550	550	550
Specialty Primers		100								
Specialty Primers, Sealers, and Undercoaters			100	100	100	350	100	350	350	100
Stain Controllers	720									
Stains		100	250	250	100	250	250	250	250	250
Stains, Clear	550									
Stains, Interior		250			250				250	
Stains, Opaque	350								250	
Stains, Semitransparent Interior	550								250	
Swimming Pool Coatings	600	340	340	340	340	340	340	340	340	340
Swimming Pool Repair & Maintenance		340	340	340		340		340		
Temperature-Indicator Safety			550			550		550	550	
Thermoplastic Rubber and Mastics	550					550	550	550	550	550
Traffic Marking Coatings	150	100	150	100	100	150	100	150	*150/450	100
Varnishes	450	275	350	275		350	275	350	350	
Water Proofing Sealers and Treatments, Clear	600									
Water Proofing Sealers and Treatments, Opaque	600									
Waterproofing Sealers		100	250	100	100	250	100	250	250	
Waterproofing Sealers, Concrete/ Masonry		100	400	100	100	400	100	400	400	
Wood Coatings				275	275		275			275
Wood Preservatives	550	350	350	350	350	350	350	350		350
Wood Preservatives, Clear and Semitransparent	550									
Wood Preservatives, Opaque	350									
Zinc Rich Primers (Contact Company Representative)										
Zone Marking	450									

*Canada Traffic Marking Coatings: Restricted to 150 g/L VOC from May 1st-Oct 15

CARB VOC Rules

updated 03/01/2021

This information is only a guide and is not all-inclusive of all VOC regulations

	CARB-2000 SCM VOC CONTENT LIMIT EFFECTIVE IN: BUTTE, COLUSA, SAN LUIS OBISPO, NORTHERN SONOMA, SHASTA, TEHAMA	CARB -2007 SCM VOC LIMIT EFFECTIVE DATE 1/1/2011 EFFECTIVE IN: ALAMEDA, CONTRA COSTA, FRESNO, IMPERIAL, KERN, KINGS, MADERA, MARIN, MERCED, NAPA, PLACER, SAN FRANCISCO, SAN MATEO, SANTA CLARA, SOLONO, STANISLAUS, TULARE, SAN BENITO, MONTEREY, SANTA CRUZ 8-15-2012, ANTELOPE VALLEY AQMD: 6/18/2014 , SANTA BARBARA & FEATHER RIVER, SUTTER, YUBA COUNTIES 1/1/2015, SAN DIEGO 1/1/2016, SACRAMENTO 3/24/2016, YOLO/SOLONO & El Dorado 1/1/2018	CARB -2020 SCM VOC LIMIT EFFECTIVE DATE 1/1/2022 IN: San Joaquin, Monterey Bay, and Mojave Desert VENTURA Effective date 7/1/2021
Flat Coatings	100 g/L	50 g/L	50 g/L
Non-Flat Coatings	150 g/L	100 g/L	50 g/L
Non-Flat – High Gloss Coatings	250 g/L	150 g/L	N.A.(see non-flat)
Concrete/Masonry Sealers	N/A	100 g/L	100 g/L
Dry Fog Coatings	400 g/L	150 g/L	50 g/L
Faux Finishing Coatings	350 g/L	350 g/L	350 g/L
Floor Coatings	250 g/L	100 g/L	50 g/L
High-Temperature Coatings	420 g/L	420 g/L	420 g/L
Industrial Maintenance Coatings	250 g/L	250 g/L	250 g/L
Low-Solids Coatings	120 g/L * (1)	120 g/L * (1)	120 g/L * (1)
Multi-Color Coatings	250 g/L	250 g/L	250 g/L
Pre-Treatment Wash Primers	420 g/L	420 g/L	420 g/L
Primers, Sealers, and Undercoaters	200 g/L	100 g/L	100 g/L
Quick-Dry Enamels:	250 g/L	N/A (see Flat , Non-Flat, High Gloss choices)	N/A (see Flat , Non-Flat, choices)
Quick-Dry Primers, Sealers and Undercoaters	200 g/L	N/A (see other choices)	N/A (see other choices)
Rust Preventive Coatings	400 g/L	250 g/L	250 g/L
Shellacs: Clear	730 g/L	730 g/L	730 g/L
Shellacs: Opaque	550 g/L	550 g/L	550 g/L
Specialty Primers, Sealers, and Undercoaters	350 g/L	100 g/L	100 g/L
Stains	250 g/L	250 g/L	N.A.
Stains Exterior/Dual	N/A (see other choices)	N/A (see other choices)	100 g/L
Stains Interior	N/A (see other choices)	N/A (see other choices)	250 g/L
Traffic Marking Coatings	150 g/L	100 g/L	100 g/L
Varnishes: see Wood Coatings	350 g/L	N/A (see Wood Coatings)	N/A (see Wood Coatings)
Waterproofing Sealers	250 g/L	N/A (see other choices)	N/A (see other choices)
Waterproofing Concrete/Masonry Sealers	400 g/L	N/A (see Concrete/Masonry Sealers)	N/A (see Concrete/Masonry Sealers)
Wood Coatings	N/A	275 g/L	275 g/L
Wood Preservatives	350 g/L	350 g/L	350 g/L

CARB (California Air Resources Board) VOC (Volatile Organic Compound) Suggested Control Measures have been taken into consideration, but we suggest that you verify your product selections to meet the requirements of the area in which they are to be used. If the project is located within the CARB, SCAQMD or other VOC regulated regions; one must comply with the regulations regarding VOCs. To ensure compliance with district regulations and rules, businesses that perform coating activities in one or more areas of California should contact the local district in each area where the coating will be used.

*(1) Units are grams of VOC per liter of coating, including water and exempt compound.

Note: Limits are expressed in grams of VOC per liter of coating thinned to the manufacturers maximum recommendation (as indicated on the label or lid of the coating container), excluding the volume of any water, exempt compounds, or colorant added to tint bases. Adopted dates and effective dates are not necessarily the same.

**For more information on coating rules applicable to CA locations go to; <http://www.arb.ca.gov/coatings/arch/meetings/schedule2007.htm>
https://ww2.arb.ca.gov/sites/default/files/2020-07/2020SCM_final.pdf**

CARB-2007 & 2020 SCM Compliant Interior Industrial Maintenance Floor Coatings			updated 03/01/21
SUBSTRATE	PRODUCTS	CARB CATEGORY	PRODUCT VOCs†
9	ArmorSeal® 33 Epoxy Primer/Sealer B58AQ33 Series	INDUSTRIAL MAINTENANCE	<50 g/L
9	ArmorSeal® 650 SL/RC Self-Leveling Epoxy B58Q650 Series	INDUSTRIAL MAINTENANCE	<100 g/L
9	ArmorSeal® ArmorQuartz System, B58Q650 Series	INDUSTRIAL MAINTENANCE	<100 g/L
9	ArmorSeal® Crack Filler, B58AQ2	INDUSTRIAL MAINTENANCE	<50 g/L
9	ArmorSeal® Expresspatch™, B58Q5 Series	INDUSTRIAL MAINTENANCE	<50 g/L
9	ArmorSeal® Flexible Joint Sealant, B58AQ1	INDUSTRIAL MAINTENANCE	<100 g/L
9	ArmorSeal 8100 Water Based Epoxy B70-8100 Series	INDUSTRIAL MAINTENANCE	<50 g/L
9	ArmorSeal® HS Polyurethane, B65-220 Series	INDUSTRIAL MAINTENANCE	<250 g/L
9,10	ArmorSeal® Tread-Plex™ Floor Finish B90 Series	INDUSTRIAL MAINTENANCE	<100 g/L
9	ArmorSeal® Waterbased Epoxy Primer/Sealer Clear B70VQ10	INDUSTRIAL MAINTENANCE	<250 g/L

Substrate Key: Refer to data page for appropriate primer requirements

- | | |
|--|----------------------------|
| (1) Concrete - Poured, Precast, Tilt-Up Cast-In-Place, Cement Board Including Plaster | (7) Wood |
| (2) Concrete - Ceilings | (8) Drywall |
| (3) Masonry - (CMU - Concrete, Split Face, Scored, Smooth, Stucco, etc.) | (9) Concrete Floors |
| (4) Metal - Aluminum, Galvanized | (10) Wood Floors |
| (5) Metal - (Galvanized: Ceilings, Ductwork) | (11) Specialty Primer |
| (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall | (12) Zone Marking Exterior |

Industrial Maintenance Coating: A high performance architectural coating, including primers, sealers, undercoaters, intermediate coats, and topcoats formulated for application to substrates, including floors, exposed to one or more of the following extreme environmental conditions listed Immersion in water, wastewater, or chemical solutions (aqueous and non-aqueous solutions), or chronic exposure of interior surfaces to moisture condensation; or Acute or chronic exposure to corrosive, caustic or acidic agents, or to chemicals, chemical fumes, or chemical mixtures or solutions; or Frequent exposure to temperatures above 121°C (250°F); Or Frequent heavy abrasion, including mechanical wear and frequent scrubbing with industrial solvents, cleansers, or scouring agents; Or Exterior exposure of metal structures and structural components.

P,S,U= Primer, Sealer, Undercoater

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

CARB-2007 & 2020 SCM Compliant Industrial Maintenance Coatings				updated 03/01/21
SUBSTRATE	PRODUCTS	INTERIOR/ EXTERIOR	CARB CATEGORY	PRODUCT VOCs†
4,5,6	Bond-Plex Waterbased Acrylic, B71W211&T204	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,3	Cement-Plex® 875, B42W200	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
4,5	DTM Wash Primer B71Y1	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
4,6	Hi-Solids Polyurethane 250 Gloss/Semi-Gloss, B65-J300 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<250 g/L
1,3,4,6,7,8	Macropoxy® 646 Fast Cure B58-600 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<250 g/L
1,3,4,6,7,8	Macropoxy® 646-100 Fast Cure B58-620 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,3,4,6,7,8	Metalatex® Semi-Gloss Coating B42 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,2,3,4,5,6,8	Pro Industrial Acrylic Coating, B66-600/1660 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,2,3,4,5,6,8	Pro Industrial™ DTM Acrylic Coating Eg-Shel, B66-1200	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,2,3,4,5,6,8	Pro Industrial™ DTM Acrylic Coating Semi-Gloss & Gloss, B66-1151 & 1051	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
4,5,6	Pro Industrial™ DTM Primer/Finish, B66-11 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3	Pro Industrial Heavy Duty Block Filler, B42W150	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,2,3,4,6,7,8	Pro Industrial™ Multi-Surface Acrylic, B66-1500 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,7,8	Pro Industrial™ Pre-Catalyzed W/B Epoxy Eg-Shel & Semi-Gloss, K45 & K46 Series	INT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,7,8	Pro Industrial™ Pre-Catalyzed W/B Urethane, B65-1100 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
4,5,6	Pro Industrial™ Pro-Cryl® Universal Primer Off White, Medium Grey & Red Oxide B66-1300 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,2,3,4,5,6,8	Pro Industrial Water Based Catalyzed Epoxy, B73-300 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,8	Pro Industrial Water Based Acrolon 100, B65-720 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,3,4,6,7,8	Pro Industrial Waterbased Alkyd Urethane B53 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,7,8	Water Based Catalyzed Epoxy B70 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<200 g/L

Substrate Key: Refer to data page for appropriate primer requirements

- | | |
|--|----------------------------|
| (1) Concrete - Poured, Precast, Tilt-Up Cast-In-Place, Cement Board Including Plaster | (7) Wood |
| (2) Concrete - Ceilings | (8) Drywall |
| (3) Masonry - (CMU - Concrete, Split Face, Scored, Smooth, Stucco, etc.) | (9) Concrete Floors |
| (4) Metal - Aluminum, Galvanized | (10) Wood Floors |
| (5) Metal - (Galvanized: Ceilings, Ductwork) | (11) Specialty Primer |
| (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall | (12) Zone Marking Exterior |

Industrial Maintenance Coating: A high performance architectural coating, including primers, sealers, undercoaters, intermediate coats, and topcoats formulated for application to substrates, including floors, exposed to one or more of the following extreme environmental conditions listed Immersion in water, wastewater, or chemical solutions (aqueous and non-aqueous solutions), or chronic exposure of interior surfaces to moisture condensation; or Acute or chronic exposure to corrosive, caustic or acidic agents, or to chemicals, chemical fumes, or chemical mixtures or solutions; or Frequent exposure to temperatures above 121°C (250°F); Or Frequent heavy abrasion, including mechanical wear and frequent scrubbing with industrial solvents, cleansers, or scouring agents; Or Exterior exposure of metal structures and structural components.

P,S,U= Primer, Sealer, Undercoater

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

This information is furnished only as a guide and is not all-inclusive of available Sherwin-Williams products.

CARB-2007 & 2020 SCM Compliant Interior Coatings			updated 03/01/21
SUBSTRATE	PRODUCTS	CARB CATEGORY	PRODUCT VOCs†
1,2,4,5,6	Pro Industrial™ Waterbased DryFall Flat, B42W181 , B42T81 & B42B81	DRY FOG	<50 g/L
1,2,4,5,6	Pro Industrial™ Waterbased DryFall Eg-Shel, B42W182, B42W82 & Semi-Gloss B42W83	DRY FOG	<50 g/L
1,3,7,8	Cashmere® Interior Acrylic Flat Enamel, D16-150 Series	FLAT	<50 g/L
1,3,7,8	Duration Home® Interior Latex Flat & Matte, A95 & A96 Series	FLAT	<50 g/L
1,3,7,8	EcoSelect® Interior Flat, A21 Series	FLAT	<50 g/L
1,3,7,8	Emerald® Designer Edition™ Interior Flat K25 Series	FLAT	<50 g/L
1,3,7,8	Emerald® Interior Flat & Matte, K35 & K36 Series	FLAT	<50 g/L
1,3,7,8	Harmony® Interior Latex Flat, B5 Series	FLAT	<50 g/L
1,3,7,8	ProMar® 200 Zero VOC Latex Flat B30-2600/12650, Low Sheen B24-2600 & Low Gloss B41-2600 Series	FLAT	<50 g/L
1,3,7,8	ProMar® 400 Zero VOC Interior Latex Flat, B30-4600, Low Sheen, B24-4600 Series	FLAT	<50 g/L
1,3,7,8	Property Solution™ Interior Flat, B30W3050	FLAT	<50 g/L
1,3,7,8	Solo® Interior/Exterior Flat, A74 Series	FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior with Air Purifying Technology! Flat A86-60 Series	FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior Flat & Velvet, A86-1150 & A94-150 Series	FLAT	<50 g/L
9,10	Porch & Floor Enamel, A32- Series	FLOOR COATING	<50 g/L
1,3,7,8	Cashmere® Interior Acrylic Low Lustre, Eg-Shel, Pearl & Medium Lustre, D17, D19, D15 & D18-150 Series	NON-FLAT	<50 g/L
1,3,7,8	Duration Home® Latex Satin & Semi-Gloss, A97 & A98 Series	NON-FLAT	<50 g/L
1,3,8	EcoSelect® Interior Eg-Shel & Semi-Gloss, A22 & A20 Series	NON-FLAT	<50 g/L
1,3,7,8	Emerald® Designer Edition™ Interior Eg-Shel, Satin & Gloss K26, K27 & K29 Series	NON-FLAT	<50 g/L
1,3,7,8	Emerald® Interior Satin & Semi-Gloss, K37 & K38 Series	NON-FLAT	<50 g/L
1,3,7,8	Emerald® Urethane Trim Enamel, Satin, Semi-Gloss & Gloss K36, K37 & K38 Series	NON-FLAT	<50 g/L
1,3,7,8	Harmony® Latex Eg-Shel & Semi-Gloss, B9 & B10 Series	NON-FLAT	<50 g/L
1,3,4,6,7,8	ProClassic™ Interior Waterbased Acrylic-Alkyd Satin, B33 & Semi-Gloss, B34 Series	NON-FLAT	<50 g/L
1,3,4,6,7,8	ProClassic® Waterborne Acrylic Satin, Semi-Gloss, B20 & B31 Series	NON-FLAT	<50 g/L
1,3,7,8	ProMar® 200 HP Zero VOC Latex Low Gloss Eg-Shel, Eg-Shel & S/G B41, B20 & B31-1950 Series	NON-FLAT	<50 g/L
1,3,7,8	ProMar® 200 Zero VOC Latex Eg-Shel, B20-2600,12600 & Semi-Gloss & Gloss B31-2600, B21-12650 Series	NON-FLAT	<50 g/L
1,3,7,8	ProMar® 400 Zero VOC Latex Eg-Shel B20-4600, Semi-Gloss & Gloss B31-4600 & B21-4650 Series	NON-FLAT	<50 g/L
1,3,7,8	Property Solution™ Interior Eg-Shel, B20W3050 & Semi-Gloss, B31W3060	NON-FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior with Air Purifying Technology! Satin & Semi-Gloss A87 & A88-60 Series	NON-FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior Satin, A87-1150/1250 & Semi-Gloss A88-1150 Series	NON-FLAT	<50 g/L
1,3,7,8	Solo® Interior/Exterior Eg-Shel, Satin, Semi-Gloss & Gloss, A75,A73, A76 & A77 Series	NON-FLAT	<50 g/L
8	Builders Solution® Surfacer, A63W100	P,S,U	<100 g/L
1,3	ConFlex Block Filler, CF01W0050	P,S,U	<50 g/L
11	Extreme Block Interior Exterior Primer, B51-100 Series	P,S,U	<50 g/L
11	Extreme Bond Interior Exterior Bonding Primer, B51 Series	P,S,U	<50 g/L
8	Harmony® Interior Latex Primer, B11	P,S,U	<50 g/L
1,2,3	Loxon® Concrete & Masonry Primer, LX02 Series	P,S,U	<50 g/L
1,2,3	Loxon® Acrylic Conditioner LX03 Series	P,S,U	<50 g/L
1,2,4,5,7,8	Multi-Purpose Latex Primer, B51-450 Series	P,S,U	<50 g/L
7,8	Multi-Purpose Waterbased Acrylic-Alkyd Primer, B79W450	P,S,U	<50 g/L
7,8	Premium Wall & Wood Primer, B28W8111	P,S,U	<50 g/L
1,2,3,4,7,8	PrepRite® ProBlock® Latex Primer Sealer, B51-620 Series	P,S,U	<50 g/L
8	ProMar® 200 Zero VOC Latex Primer, B28W2600	P,S,U	<50 g/L
8	ProMar® 400 Zero VOC Latex Primer, B28W4600	P,S,U	<50 g/L
7	Minwax® Performance Series Tintable Interior Wood Stains 250 VOC	STAINS	<250 g/L

Substrate Key: Refer to data page for appropriate primer requirements

- | | |
|--|----------------------------|
| (1) Concrete - Poured, Precast, Tilt-Up Cast-In-Place, Cement Board Including Plaster | (7) Wood |
| (2) Concrete - Ceilings | (8) Drywall |
| (3) Masonry - (CMU - Concrete, Split Face, Scored, Smooth, Stucco, etc.) | (9) Concrete Floors |
| (4) Metal - Aluminum, Galvanized | (10) Wood Floors |
| (5) Metal - (Galvanized: Ceilings, Ductwork) | (11) Specialty Primer |
| (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall | (12) Zone Marking Exterior |

P,S,U= Primer, Sealer, Undercoater

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

CARB-2007 & 2020 SCM Compliant Exterior Coatings			updated 03/01/21
SUBSTRATE	PRODUCTS	CARB CATEGORY	PRODUCT VOCs†
1,3	ConFlex XL Elastomeric High Build Coating, CF11 Series	CONCRETE / MASONRY SEALER	<50 g/L
1,3	ConFlex XL Textured Elastomeric High Build Coating, CF12 Series	CONCRETE/MASONRY SEALER	<100 g/L
1,3	ConFlex 7% Siloxane Water Repellant, CF31T7	CONCRETE/MASONRY SEALER	<50 g/L
1,3	Loxon® XP Waterproofing System, LX11 & LX21 Series	CONCRETE/MASONRY SEALER	<50 g/L
1,3	ConFlex® Flexible Concrete Waterproofer, CF14 & CF15 Series	CONCRETE/MASONRY SEALER	<50 g/L
1,3	ConFlex Sherlastic® Elastomeric Coating, CF16 Series	CONCRETE/MASONRY SEALER	<50 g/L
1,3,4,6,7,13	A-100® Exterior Latex, A6 Series	FLAT	<50 g/L
1,3,4,6,7,13	Duration® Exterior Acrylic Flat, K32 Series	FLAT	<50 g/L
1,3,4,6,7,13	Emerald™ Exterior Flat, K47 Series	FLAT	<50 g/L
1,3,4,6,7,13	Emerald™ Rain Refresh™ Exterior Flat, K47-1900 Series	FLAT	<50 g/L
1,3,4,6,7,13	Latitude™ Exterior Latex Flat, K60 Series	FLAT	<50 g/L
1,3,7	Loxon® Self-Cleaning Acrylic Coating Flat, LX13 Series	FLAT	<50 g/L
1,3,4,6,7,13	Resilience™ Latex Flat, K42 Series	FLAT	<50 g/L
1,3,4,6,7,13	SuperPaint® Exterior Flat, A80 Series	FLAT	<50 g/L
1,3,4,6,7,13	Solo Interior/Exterior Flat, A74 Series	FLAT	<50 g/L
9,10	Porch & Floor Enamel, A32 Series	FLOOR	<50 g/L
7	WoodScapes® Exterior Semi-Transparent Stain, A15T5	LOW SOLIDS	<100 g/L
1,3,4,6,7,13	A-100® Exterior Latex Satin, A82 & Gloss, A8 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Duration Exterior Low Lustre, K30, Satin, K33 & Gloss K34 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Emerald Exterior Satin, K48 & Gloss K49 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Emerald™ Rain Refresh™ Exterior Satin & Gloss K48 & K49-1900 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Latitude™ Exterior Latex Satin, Gloss K62 & K64 Series	NON-FLAT	<50 g/L
1,3,7	Loxon® Self-Cleaning Acrylic Coating Satin, LX14 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Resilience™ Latex Satin, K43 & Gloss, K44 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Solo Interior/Exterior Eg-Shel, Satin, Semi-Gloss & Gloss, A75,A73, A76 & A77 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	SuperPaint® Exterior Low Lustre, Satin & Gloss, A78, A89 & A84 Series	NON-FLAT	<50 g/L
1,3	ConFlex Block Filler, CF01W0050	P,S,U	<50 g/L
7	Exterior Latex Primer, B42-Series	P,S,U	<100 g/L
1,3	Loxon Concrete & Masonry Primer, LX02 Series	P,S,U	<50 g/L
1,2,3	Loxon® Acrylic Conditioner LX03 Series	P,S,U	<50 g/L
1,3	Loxon Acrylic Block Surfacer, LX01 Series	P,S,U	<100 g/L
1,2,4,5,7,8	Multi-Purpose Latex Primer, B51-450 Series	P,S,U	<50 g/L
1,2,4,5,7,8	PrepRite® ProBlock® Latex Primer Sealer, B51-620 Series	P,S,U	<50 g/L
7,10	SuperDeck® Exterior Waterborne Solid Deck Stain SD7 Series	STAIN	<100 g/L
7,10	SuperDeck® Exterior Waterborne Semi-Transparent Stain SD3T Series	STAIN	<50 g/L
7,10	SuperDeck® Exterior Semi-Transparent Stain, SD4 Series	STAIN	<250 g/L
7,10	SuperDeck® Exterior Transparent Stain SD2 Series	STAIN	<250 g/L
1,3	ProMar Exterior Solid Color Acrylic Latex Stain, A16-350 Series	STAIN	<100 g/L
1,3	Loxon Vertical Concrete Stain, LX31 Series	STAIN	<50 g/L
7	WoodScapes® Exterior Waterborne Solid Color Stain, A15 Series	STAIN	<100 g/L
12	Pro-Park™ Waterborne Traffic Marking B97 Series	TRAFFIC MARKING	<50 g/L
12	SetFast Acrylic Zone Marking TM2160, TM2161	TRAFFIC MARKING	<100 g/L
12	SetFast Acrylic Waterborne Traffic Marking, TM226, TM227	TRAFFIC MARKING	<100 g/L
12	SetFast Latex Traffic Marking, TM2132, TM2133, TM2135	TRAFFIC MARKING	<100 g/L

Substrate Key: Refer to data page for appropriate primer requirements

- | | |
|--|----------------------------|
| (1) Concrete - Poured, Precast, Tilt-Up Cast-In-Place, Cement Board Including Plaster | (7) Wood |
| (2) Concrete - Ceilings | (8) Drywall |
| (3) Masonry - (CMU - Concrete, Split Face, Scored, Smooth, Stucco, etc.) | (9) Concrete Floors |
| (4) Metal - Aluminum, Galvanized | (10) Wood Floors |
| (5) Metal - (Galvanized: Ceilings, Ductwork) | (11) Specialty Primer |
| (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall | (12) Zone Marking Exterior |
| | (13) Vinyl, EIFS |

P,S,U= Primer, Sealer, Undercoater

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

SCAQMD VOC Rules

updated 03/01/21

This information is only a guide and is not all-inclusive of all VOC regulations: amended 1/2019

TABLE OF STANDARDS 1 VOC LIMITS Grams of VOC Per Liter of Coating, Less Water and Less Exempt Compounds	SCAQMD VOC CONTENT LIMIT
Flat Coatings	50 g/L
Non-Flat Coatings	50 g/L
Non-Flat – High Gloss Coatings	50 g/L
Clear Wood Finishes: Varnishes, Sanding Sealers, Lacquer	275 g/L
Dry-Fog Coatings	50 g/L
Faux Finishing Coatings:	
Clear Topcoat	100 g/L
Decorative Coatings/Glazes/Japan	350 g/L
Trowel Applied Coatings	50 g/L
Floor Coatings	50 g/L
High-Temperature Coatings	420 g/L
Industrial Maintenance Coatings	100 g/L
Metallic Pigmented Coatings	150 g/L
Multi-Color Coatings	250 g/L
Pre-Treatment Wash Primers	420 g/L
Primers, Sealers, and Undercoaters	100 g/L
Rust Preventive Coatings	100 g/L
Sacrificial Anti-Graffiti Coatings	50 g/L
Shellacs	
Clear	730 g/L
Opaque	550 g/L
Specialty Primers	100 g/L
Stains, Interior	250 g/L
Stains	100 g/L
Traffic Coatings	100 g/L
Waterproofing Concrete/Masonry Sealers	100 g/L

TABLE OF STANDARDS 1(cont.) VOC LIMITS

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coatings	120 g/L

TABLE OF STANDARDS 2 VOC LIMITS FOR COLORANTS

Grams of VOC Per Liter of Colorant
Less Water and Less Exempt Compounds

COLORANT ADDED TO	Limit ⁽⁴⁾
Architectural Coatings, excluding IM Coatings	50 g/L
Solvent-Based IM	600 g/L
Waterborne IM	50 g/L

(4) Effective January 1, 2014.

No person within the District shall add colorant at the point of sale that is listed in the Table of Standards 2 and contains VOC in excess of the corresponding VOC limit specified in the Table of Standards 2, after the effective date specified.

New government VOC (Volatile Organic Compound) regulations continue to be implemented in the southern part of the state of California. These regulations are established by the South Coast Air Quality Management District (SCAQMD), which is defined as most of Los Angeles, Orange, Riverside, and San Bernardino Counties. Rule 1113 limits the VOC content of architectural, IM, and traffic paints and coatings used in the District. Anyone who sells, manufactures or uses paints and coatings in the District must comply with the applicable VOC standards. Although some exemptions may apply to your project, VOC regulations are constantly changing. We recommend that you verify your product selections meet the most current VOC requirements of the area in which they are to be used. As of the date of printing, all the Sherwin-Williams coatings in this specification are SCAQMD compliant products as packaged.

For more information visit <http://www.aqmd.gov/home/rules-compliance/compliance/vocs/architectural-coatings/tos>

SCAQMD-Rule 1113 Compliant Interior Industrial Maintenance Floor Coatings			updated 03/01/21
SUBSTRATE	PRODUCTS	SCAQMD CATEGORY	PRODUCT VOCs†
9	ArmorSeal® 33 Epoxy Primer/Sealer B58AQ33 Series	INDUSTRIAL MAINTENANCE	<50 g/L
9	ArmorSeal® 650 SL/RC Self-Leveling Epoxy B58Q650 Series	INDUSTRIAL MAINTENANCE	<100 g/L
9	ArmorSeal® ArmorQuartz System, B58Q650 Series	INDUSTRIAL MAINTENANCE	<100 g/L
9	ArmorSeal® Crack Filler, B58AQ2	INDUSTRIAL MAINTENANCE	<50 g/L
9	ArmorSeal® Expresspatch™, B58Q5 Series	INDUSTRIAL MAINTENANCE	<50 g/L
9	ArmorSeal® Flexible Joint Sealant, B58AQ1	INDUSTRIAL MAINTENANCE	<100 g/L
9	ArmorSeal® 8100 Water Based Epoxy B70-8100 Series	INDUSTRIAL MAINTENANCE	<50 g/L
9,10	ArmorSeal® Tread-Plex™ Floor Finish B90 Series	INDUSTRIAL MAINTENANCE	<100 g/L

Substrate Key:

Refer to data page for appropriate primer requirements

- (1) Concrete - Poured, Precast, Tilt-Up, Cast-In-Place, Cement Board Including Plaster
- (2) Concrete - Ceilings
- (3) Masonry - (CMU - Concrete, Split Face, Scored, Smooth, Stucco, etc.)
- (4) Metal - Aluminum, Galvanized
- (5) Metal - (Galvanized: Ceilings, Ductwork)
- (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall (interior)
- (7) Wood
- (8) Drywall
- (9) Concrete Floors
- (10) Wood Floors
- (11) Specialty Primer
- (12) Zone Marking Exterior

New government VOC (Volatile Organic Compound) regulations continue to be implemented in the southern part of the state of California. These regulations are established by the South Coast Air Quality Management District (SCAQMD), which is defined as most of Los Angeles, Orange, Riverside, and San Bernardino Counties. Rule 1113 limits the VOC content of architectural, IM, and traffic paints and coatings used in the District. Anyone who sells, manufactures or uses paints and coatings in the District must comply with the applicable VOC standards. Although some exemptions may apply to your project, VOC regulations are constantly changing. We recommend that you verify your product selections meet the most current VOC requirements of the area in which they are to be used. As of the date of printing, all the Sherwin-Williams coatings in this specification are SCAQMD compliant products as packaged.

For more information visit www.aqmd.gov

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

SCAQMD-Rule 1113 Compliant Industrial Maintenance Coatings				updated 03/01/21
SUBSTRATE	PRODUCTS	INTERIOR/ EXTERIOR	SCAQMD CATEGORY	PRODUCT VOCs†
4,5,6	Bond-Plex Waterbased Acrylic, B71W211 & B71T204	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,3	Cement-Plex 875, B42W200	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,3,4,6,7,8	Macropoxy 646-100 Fast Cure B58-620 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,3,4,6,7,8	Metalatex Semi-Gloss Coating B42 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,2,3,4,5,6,8	Pro Industrial Acrylic Coating, B66-600/1660 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,2,3,4,5,6,8	Pro Industrial DTM Acrylic Coating, B66-1000 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
4,5,6	Pro Industrial DTM Primer/Finish B66-11 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3	Pro Industrial Heavy Duty Block Filler, B42W150	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,7,8	Pro Industrial™ Pre-Catalyzed Water Based Epoxy Eg-Shel & Semi-Gloss, K45 & K46 Series	INT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,7,8	Pro Industrial™ Pre-Catalyzed Water Based Urethane, B65-1100 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
4,5,6	Pro Industrial™ Pro-Cryl® Universal Primer Off White, Grey & Red Oxide B66-1300 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,2,3,4,5,6,8	Pro Industrial Water Based Catalyzed Epoxy, B73-300 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,8	Pro Industrial Water Based Acrolon 100, B65-720 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,3,4,6,7,8	Pro Industrial Waterbased Alkyd Urethane B53 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
11	DTM Wash Primer, B71Y1	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L

Substrate Key: Refer to data page for appropriate primer requirements

- | | |
|--|----------------------------|
| (1) Concrete - Poured, Precast, Tilt-Up Cast-In-Place, Cement Board Including Plaster | (7) Wood |
| (2) Concrete - Ceilings | (8) Drywall |
| (3) Masonry - (CMU - Concrete, Split Face, Scored, Smooth, Stucco, etc.) | (9) Concrete Floors |
| (4) Metal - Aluminum, Galvanized | (10) Wood Floors |
| (5) Metal - (Galvanized: Ceilings, Ductwork) | (11) Specialty Primer |
| (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall | (12) Zone Marking Exterior |

INDUSTRIAL MAINTENANCE COATINGS are coatings, including primers, sealers, undercoaters, intermediate coatings and topcoats, formulated for or applied to substrates, including floors, that are exposed to one or more of the following extreme environmental conditions: (A) immersion in water, wastewater, or chemical solutions (aqueous and non-aqueous solutions), or chronic exposure of interior surfaces to moisture condensation; (B) acute or chronic exposure to corrosive, caustic or acidic agents, or similar chemicals, chemical fumes, chemical mixtures, or solutions; (C) repeated exposure to temperatures in excess of 250 degrees Fahrenheit; (D) repeated heavy abrasion, including mechanical wear and repeated scrubbing with industrial solvents, cleaners, or scouring agents; or (E) exterior exposure of metal structures.

P,S,U= Primer, Sealer, Undercoater

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

This information is furnished only as a guide and is not all-inclusive of available Sherwin-Williams products.

SCAQMD-Rule 1113 Compliant Interior Coatings			updated 03/01/21
SUBSTRATE	PRODUCTS	SCAQMD CATEGORY	PRODUCT VOCs†
1,2,4,5,6	Pro Industrial™ Waterbased DryFall Flat, B42W181, B42T81 & B42B81	DRY FOG	<50 g/L
1,2,4,5,6	Pro Industrial™ Waterbased DryFall Eg-Shel, B42W182, B42W82 & Semi-Gloss B42W83	DRY FOG	<50 g/L
1,3,7,8	Cashmere Interior Acrylic Flat Enamel, D16-150 Series	FLAT	<50 g/L
1,3,7,8	Duration Home® Interior Latex Flat & Matte, A95 & A96 Series	FLAT	<50 g/L
1,3,7,8	EcoSelect® Interior Flat, A21 Series	FLAT	<50 g/L
1,3,7,8	Emerald® Designer Edition™ Interior Flat K25 Series	FLAT	<50 g/L
1,3,7,8	Emerald® Interior Flat & Matte, K35 & K36 Series	FLAT	<50 g/L
1,3,7,8	Harmony® Interior Latex Flat, B5 Series	FLAT	<50 g/L
1,3,7,8	ProMar® 200 Zero VOC Latex Flat B30-2600/12600, Low Sheen B24-2600 & Low Gloss B41-2600 Series	FLAT	<50 g/L
1,3,7,8	ProMar® 400 Zero VOC Interior Latex Flat, B30-4600, Low Sheen, B24-4600 Series	FLAT	<50 g/L
1,3,7,8	Property Solution™ Interior Flat, B30W3050	FLAT	<50 g/L
1,3,7,8	Solo® Interior/Exterior Flat, A74 Series	FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior with Air Purifying Technology¹ Flat A86-60 Series	FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior Flat & Velvet, A86-1150 & A94-150 Series	FLAT	<50 g/L
1,3,7,8	Cashmere® Interior Acrylic Low Lustre, Eg-Shel, Pearl & Medium Lustre, D17, D19, D15 & D18-150 Series	NON-FLAT	<50 g/L
1,3,7,8	Duration Home® Latex Satin & S/G, A97 & A98 Series	NON-FLAT	<50 g/L
1,3,8	EcoSelect® Interior Eg-Shel & Semi-Gloss, A22 & A20 Series	NON-FLAT	<50 g/L
1,3,7,8	Emerald® Designer Edition™ Interior Eg-Shel, Satin & Gloss K26,K27 & K29 Series	NON-FLAT	<50 g/L
1,3,7,8	Emerald® Interior Satin & Semi-Gloss, K37 & K38 Series	NON-FLAT	<50 g/L
1,3,7,8	Emerald® Urethane Trim Enamel, Satin, Semi-Gloss & Gloss K36, K37 & K38 Series	NON-FLAT	<50 g/L
1,3,7,8	Harmony® Latex Eg-Shel & S/G, B9 & B10 Series	NON-FLAT	<50 g/L
1,3,7,8	ProMar® 200 HP Zero VOC Latex Low Gloss Eg-Shel, Eg-Shel & S/G B41, B20 & B31-1950 Series	NON-FLAT	<50 g/L
1,3,7,8	ProMar® 200 Zero VOC Latex Eg-Shel, B20-2600,12600 & Semi-Gloss & Gloss B31-2600, B21-12650 Series	NON-FLAT	<50 g/L
1,3,7,8	ProMar® 400 Zero VOC Latex Eg-Shel B20-4600, Semi-Gloss & Gloss B31-4600& B21-4650 Series	NON-FLAT	<50 g/L
1,3,4,6,7,8	ProClassic® Interior Waterbased Acrylic-Alkyd Satin, B33 & Semi-Gloss, B34 Series	NON-FLAT	<50 g/L
1,3,4,6,7,8	ProClassic® Waterborne Acrylic Satin, S/G, B20 & B31 Series	NON-FLAT	<50 g/L
1,3,7,8	Property Solution™ Interior Eg-Shel, B20W3050 & Semi-Gloss, B31W3060	NON-FLAT	<50 g/L
1,3,7,8	Solo® Interior/Exterior Eg-Shel, Satin, Semi-Gloss & Gloss, A75, A73, A76 & A77 Series	NON-FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior with Air Purifying Technology¹ Satin & Semi-Gloss A87 & A88-60 Series	NON-FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior Satin, Semi-Gloss A87-1150/1250 & A88-1150 Series	NON-FLAT	<50 g/L
8	Builders Solution™ Surfacer, A63W100	P,S,U	<100 g/L
1,3	ConFlex Block Filler, CF01W0050	P,S,U	<50 g/L
11	Extreme Block Interior Exterior Primer, B51-100 Series	P,S,U	<50 g/L
11	Extreme Bond® Interior Exterior Bonding Primer, B51 Series	P,S,U	<50 g/L
8	Harmony® Interior Latex Primer, B11	P,S,U	<50 g/L
1,3	Loxon® Acrylic Block Surfacer, LX01 Series	P,S,U	<100 g/L
1,2,3	Loxon® Concrete & Masonry Primer, LX02 Series	P,S,U	<50 g/L
1,2,3	Loxon® Acrylic Conditioner LX03 Series	P,S,U	<50 g/L
1,2,4,5,7,8	Multi-Purpose Latex Primer, B51-450 Series	P,S,U	<50 g/L
7,8	Multi-Purpose Waterbased Acrylic-Alkyd Primer, B79W450	P,S,U	<50 g/L
1,2,4,5,7,8	PrepRite® ProBlock® Latex Primer Sealer, B51-620 Series	P,S,U	<50 g/L
7,8	Premium Wall & Wood Primer, B28W8111	P,S,U	<50 g/L
8	ProMar® 200 & 400 Zero VOC Primer, B28W2600 & B28W4600	P,S,U	<50 g/L
7	Minwax® Performance Series Tintable Wood Stains 250 VOC	STAIN, INTERIOR	<250 g/L
11	White Pigmented Shellac Primer, B49W8150	SHELLAC OPAQUE	<550 g/L

Substrate Key: Refer to data page for appropriate primer requirements

- | | |
|--|----------------------------|
| (1) Concrete - Poured, Precast, Tilt-Up Cast-In-Place, Cement Board Including Plaster | (7) Wood |
| (2) Concrete - Ceilings | (8) Drywall |
| (3) Masonry - (CMU - Concrete, Split Face, Scored, Smooth, Stucco, etc.) | (9) Concrete Floors |
| (4) Metal - Aluminum, Galvanized | (10) Wood Floors |
| (5) Metal - (Galvanized: Ceilings, Ductwork) | (11) Specialty Primer |
| (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall | (12) Zone Marking Exterior |
| | (13) Vinyl, EIFS |

P,S,U= Primer, Sealer, Undercoater

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

SCAQMD-Rule 1113 Compliant Exterior Coatings			updated 03/01/21
SUBSTRATE	PRODUCTS	SCAQMD CATEGORY	PRODUCT VOCs†
1,3,4,6,7,13	A-100® Exterior Flat Latex, A6 Series	FLAT	<50 g/L
1,3,4,6,7,13	Duration® Exterior Acrylic Flat, K32 Series	FLAT	<50 g/L
1,3,4,6,7,13	Emerald Exterior Flat, K47 Series	FLAT	<50 g/L
1,3,4,6,7,13	Emerald™ Rain Refresh™ Exterior Flat, K47-1900 Series	FLAT	<50 g/L
1,3,4,6,7,13	Latitude™ Exterior Latex Flat, K60 Series	FLAT	<50 g/L
1,3,7	Loxon® Self-Cleaning Acrylic Coating Flat, LX13 Series	FLAT	<50 g/L
1,3,4,6,7,13	Resilience™ Latex Flat, K42 Series	FLAT	<50 g/L
1,3,4,6,7,13	SuperPaint® Exterior Flat, A80 Series	FLAT	<50 g/L
1,3,4,6,7,13	Solo® Interior/Exterior Flat, A74 Series	FLAT	<50 g/L
9,10	Porch & Floor Enamel, A32 Series	FLOOR	<50 g/L
7,10	SuperDeck Exterior Waterborne Clear, SD1T100	LOW SOLIDS	<50 g/L
7	WoodScapes® Exterior Semi- Transparent Stain, A15T5	LOW SOLIDS	<100 g/L
1,3,4,6,7,13	A-100® Exterior Latex Satin & Gloss, A82 & A8 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Duration Exterior Low Lustre, K30, Satin, K33 & Gloss K34 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Emerald Exterior Satin, K48 & Gloss K49 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Emerald™ Rain Refresh™ Exterior Satin & Gloss K48 & K49-1900 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Latitude™ Exterior Latex Satin, Gloss K62 & K64 Series	NON-FLAT	<50 g/L
1,3,7	Loxon® Self-Cleaning Acrylic Coating Satin, LX14 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Resilience™ Latex Satin, K43 & Gloss, K44 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Solo Interior/Exterior Eg-Shel, Satin, Semi-Gloss & Gloss, A75,A73, A76 & A77 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	SuperPaint® Exterior Low Lustre, Satin & Gloss, A78, A89 & A84 Series	NON-FLAT	<50 g/L
1,3	ConFlex Block Filler, CF01W0050	P,S,U	<50 g/L
7	Exterior Latex Primer, B42-Series	P,S,U	<100 g/L
1,3	Loxon Concrete & Masonry Primer, LX02 Series	P,S,U	<50 g/L
1,2,3	Loxon® Acrylic Conditioner LX03 Series	P,S,U	<50 g/L
1,3	Loxon® Acrylic Block Surfacer, LX01 Series	P,S,U	<100 g/L
1,2,4,5,7,8	Multi-Purpose Latex Primer, B51-450 Series	P,S,U	<50 g/L
1,2,4,5,7,8	PrepRite® ProBlock® Latex Primer Sealer, B51-620 Series	P,S,U	<50 g/L
11	PrimeRx™ Peel Bonding Primer, B51T600	P,S,U	<50 g/L
7,10	SuperDeck® Exterior Waterborne Solid Deck Stain SD7 Series	STAIN	<100 g/L
7,10	SuperDeck® Exterior Waterborne Semi-Transparent Stain SD3T Series	STAIN	<50 g/L
1,3	ProMar Exterior Solid Color Acrylic Latex Stain, A16-350 Series	STAIN	<100 g/L
1,3	Loxon Vertical Concrete Stain, LX31 Series	STAIN	<50 g/L
7	WoodScapes® Exterior Waterborne Solid Color Stain, A15 Series	STAIN	<100 g/L
12	Pro-Park™ Waterborne Traffic Marking B97 Series	TRAFFIC COATINGS	<50 g/L
12	SetFast® Acrylic Zone Marking TM2160, TM2161	TRAFFIC COATINGS	<100 g/L
12	SetFast® Acrylic Waterborne Traffic Marking, TM226, TM227	TRAFFIC COATINGS	<100 g/L
12	SetFast® Latex Traffic Marking, TM2132, TM2133, TM2135	TRAFFIC COATINGS	<100 g/L
1,3	ConFlex XL Elastomeric High Build Coating, CF11 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	ConFlex 7% Siloxane Water Repellant, CF31T7	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	Loxon® XP Waterproofing System, LX11 & LX21 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	ConFlex® Flexible Concrete Waterproofer, CF14 & CF15 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	ConFlex Sherlastic® Elastomeric Coating, CF16 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L

Substrate Key: Refer to data page for appropriate primer requirements

- | | |
|--|----------------------------|
| (1) Concrete - Poured, Precast, Tilt-Up Cast-In-Place, Cement Board Including Plaster | (7) Wood |
| (2) Concrete - Ceilings | (8) Drywall |
| (3) Masonry - (CMU - Concrete, Split Face, Scored, Smooth, Stucco, etc.) | (9) Concrete Floors |
| (4) Metal - Aluminum, Galvanized | (10) Wood Floors |
| (5) Metal - (Galvanized: Ceilings, Ductwork) | (11) Specialty Primer |
| (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall | (12) Zone Marking Exterior |
| | (13) Vinyl, EIFS |

P,S,U= Primer, Sealer, Undercoater

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

OTC VOC Rules

This information is only a guide and is not all-inclusive of all VOC regulations

updated 06/08/20

	OTC VOC CONTENT LIMIT EFFECTIVE IN:	PHASE II OTC VOC CONTENT LIMIT EFFECTIVE IN:
	State-Air District	State-Air District
	DC, ME, MA, NH, NJ, NY, PA, RI, VT, VA	Maryland 1/1/2017 Delaware 3/1/2017 Connecticut 5/1/2018 Rhode Island 1/1/2020 Colorado 5/1/2020 NY 1/1/2022
Flat Coatings	100 g/L	50 g/L
Non-Flat Coatings	150 g/L	100 g/L
Non-Flat – High Gloss Coatings	250 g/L	150 g/L
Concrete/Masonry Sealer	N/A	100 g/L
Dry Fog Coatings	400 g/L	150 g/L
Faux Finishing Coatings	350 g/L	350 g/L
Floor Coatings	250 g/L	100 g/L
High-Temperature Coatings	420 g/L	420 g/L
Industrial Maintenance Coatings	340 g/L	250 g/L
Low-Solids Coatings	120 g/L* (1)	120 g/L* (1)
Multi-Color Coatings	250 g/L	250 g/L
Pre-Treatment Wash Primers	420 g/L	420 g/L
Primers, Sealers, and Undercoaters	200 g/L	100 g/L
Quick-Dry Primers, Sealers and Undercoaters	200 g/L	N/A (see Primer, Sealer, Undercoater)
Rust Preventive Coatings	400 g/L	250 g/L
Shellacs		
Clear	730 g/L	730 g/L
Opaque	550 g/L	550 g/L
Specialty Primers, Sealers, and Undercoaters	350 g/L	100 g/L
Stains	250 g/L	250 g/L
Traffic Marking Coatings	150 g/L	100 g/L
Varnishes	350 g/L	N/A (see Wood Coatings)
Waterproofing Concrete/Masonry Sealers	400 g/L	N/A (see Concrete/Masonry Sealer)
Wood Coatings	N/A	275 g/L
Wood Preservatives	350 g/L	350 g/L
Zinc-Rich Primer	N/A	340 g/L

Beginning in 2004, the multi-state Ozone Transport Commission (OTC) established new VOC content regulations with stricter VOC limits than the national AIM rule for architectural, industrial maintenance and traffic paints and coating. The OTC, which is made up of thirteen northeast and mid-Atlantic states, develops model rules to further reduce VOC limits in an effort to meet the clean air requirements set by the Environmental Protection Agency (EPA). If the project is located within the OTC region, one must comply with the applicable VOC standards. Since each of the OTC states adopt their own rule requirements, they have varying sell-through provisions. We recommend that you verify that your product selections meet the most current VOC requirements of the area in which they are to be used. As of the date of printing, all the Sherwin-Williams coatings included in this specification are OTC compliant as packaged.

* (1) Units are grams of VOC per liter of coating, including water and exempt compound

Adopted dates and effective dates are not necessarily the same.

For more information on these rules refer to each respective State at: otcair.org

OTC Compliant Interior Industrial Maintenance Floor Coatings			updated 03/01/21
SUBSTRATE	PRODUCTS	OTC CATEGORY	PRODUCT VOCs†
9	ArmorSeal® 1K Water Based Urethane Floor Enamel, B65-775 Series	INDUSTRIAL MAINTENANCE	<340 g/L
9	ArmorSeal® 1000 HS Epoxy, B67-2000 Series (colors)	INDUSTRIAL MAINTENANCE	<340 g/L
9	ArmorSeal® 33 Epoxy Primer/Sealer, B58AQ33 Series	INDUSTRIAL MAINTENANCE	<50 g/L
9	ArmorSeal® 650 SL/RC Self-Leveling Epoxy, B58Q650 Series	INDUSTRIAL MAINTENANCE	<100 g/L
9	ArmorSeal® ArmorQuartz System, B58Q650 Series	INDUSTRIAL MAINTENANCE	<100 g/L
9	ArmorSeal® Crack Filler, B58AQ2	INDUSTRIAL MAINTENANCE	<50 g/L
9	ArmorSeal® Expresspatch, B58Q5 Series	INDUSTRIAL MAINTENANCE	<50 g/L
9	ArmorSeal® Flexible Joint Sealant, B58AQ1	INDUSTRIAL MAINTENANCE	<100 g/L
9	ArmorSeal® 8100 Water Based Epoxy, B70-8100 Series	INDUSTRIAL MAINTENANCE	<50 g/L
9	ArmorSeal® HS Polyurethane, B65-220 Series	INDUSTRIAL MAINTENANCE	<250 g/L
9,10	ArmorSeal® Rexthane™ I MCU, B65-60 Series	INDUSTRIAL MAINTENANCE	<340 g/L
9,10	ArmorSeal® Tread-Plex™ Floor Finish, B90 Series	INDUSTRIAL MAINTENANCE	<100 g/L
9	ArmorSeal® WB Epoxy Primer/Sealer Clear, B70VQ10	INDUSTRIAL MAINTENANCE	<250 g/L

Substrate Key:

Refer to data page for appropriate primer requirements

- (1) Concrete - Poured, Precast, Tilt-Up, Cast-In-Place, Cement Board Including Plaster
- (2) Concrete - Ceilings
- (3) Masonry - (CMU - Concrete, Split Face, Scored, Smooth, Stucco, etc.)
- (4) Metal - Aluminum, Galvanized
- (5) Metal - (Galvanized: Ceilings, Ductwork)
- (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall (interior)
- (7) Wood
- (8) Drywall
- (9) Concrete Floors
- (10) Wood Floors
- (11) Specialty Primer
- (12) Zone Marking Exterior

Beginning in 2004, the multi-state Ozone Transport Commission (OTC) established new VOC content regulations with stricter VOC limits than the national AIM rule for architectural, industrial maintenance and traffic paints and coating. The OTC, which is made up of thirteen northeast and mid-Atlantic states, develops model rules to further reduce VOC limits in an effort to meet the clean air requirements set by the Environmental Protection Agency (EPA). If the project is located within the OTC region, one must comply with the applicable VOC standards. Since each of the OTC states adopt their own rule requirements, they have varying sell-through provisions. We recommend that you verify that your product selections meet the most current VOC requirements of the area in which they are to be used. As of the date of printing, all the Sherwin-Williams coatings included in this specification are OTC compliant as packaged.

For more information visit otcair.org

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

OTC Compliant Industrial Maintenance Coatings				updated 03/01/21
SUBSTRATE	PRODUCTS	INTERIOR/ EXTERIOR	OTC CATEGORY	PRODUCT VOCs†
4,6	Acrolon™ 218 HS Polyurethane, B65-600 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
4,5,6	Bond-Plex Waterbased Acrylic, B71W211 & B71T204	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,3	Cement-Plex® 875, B42W200	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
6	Corothane® I GalvaPac Zinc Primer B65G10/B69D210	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
5,6	Corothane® I HS Aliphatic B65-50 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
5,6	Corothane® I MIO-Aluminum, B65S14	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
4,5	DTM Wash Primer B71Y1	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,3,4,6,7,8	Hi-Solids Catalyzed Epoxy, B62-200 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
4,6	Hi-Solids Polyurethane, B65-300 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
6	Kem Bond HS Primer B50Z Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
1,3	Kem Cati-Coat HS Epoxy Filler/Sealer, B42W400	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
1,3,4,6,7,8	Macropoxy® 646 Fast Cure B58-600 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<250 g/L
1,3,4,6,7,8	Macropoxy® HS Epoxy B58-400 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
1,3,4,6,7,8	Metalatex® Semi-Gloss Coating B42 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,2,3,4,5,6,8	Pro Industrial™ Acrylic Coating, B66-600/1660 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,2,3,4,5,6,8	Pro Industrial™ DTM Acrylic Coating, B66-1000 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
4,5,6	Pro Industrial DTM Primer/Finish B66-11 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3	Pro Industrial Heavy Duty Block Filler, B42W150	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,7,8	Pro Industrial™ Multi-Surface Acrylic, B66-1500 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,7,8	Pro Industrial™ Pre-Catalyzed W/B Epoxy Eg-Shel & Semi-Gloss, K45& K46 Series	INT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,7,8	Pro Industrial™ Pre-Catalyzed W/B Urethane, B65-1100 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
4,5,6	Pro Industrial™ Pro-Cryl® Universal Primer Off White, Grey & Red Oxide B66-1300 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,2,3,4,5,6,8	Pro Industrial™ Water Based Catalyzed Epoxy, B73-300 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,8	Pro Industrial™ Water Based Acrolon 100, B65-720 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,3,4,6,7,8	Pro Industrial™ Waterbased Alkyd Urethane B53 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
6	Recoatable Epoxy Primer, B67-5 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
1,3,4,6,7,8	Water Based Catalyzed Epoxy B70 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<200 g/L

Substrate Key: Refer to data page for appropriate primer requirements

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|--|----------------------------|
| (1) Concrete - Poured, Precast, Tilt-Up Cast-In-Place, Cement Board Including Plaster | (7) Wood |
| (2) Concrete - Ceilings | (8) Drywall |
| (3) Masonry - (CMU - Concrete, Split Face, Scored, Smooth, Stucco, etc.) | (9) Concrete Floors |
| (4) Metal - Aluminum, Galvanized | (10) Wood Floors |
| (5) Metal - (Galvanized: Ceilings, Ductwork) | (11) Specialty Primer |
| (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall | (12) Zone Marking Exterior |

“Industrial maintenance coating” means a high performance architectural coating, including primers, sealers, undercoaters, intermediate coats, and topcoats, formulated for application to substrates exposed to one or more of the extreme environmental conditions listed (i) immersion in water, wastewater, or chemical solutions (aqueous and non-aqueous solutions), or chronic exposure of interior surfaces to moisture condensation; (ii) acute or chronic exposure to corrosive, caustic, or acidic agents, or to chemicals, chemical fumes or chemical mixtures or solutions; (iii) repeated exposure to temperatures above 121°C (250°F); (iv) repeated (frequent) heavy abrasion, including mechanical wear and repeated (v) (frequent) scrubbing with industrial solvents, cleansers, or scouring agents; or (vi) exterior exposure of metal structures and structural components.

P,S,U= Primer, Sealer, Undercoater

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen

This information is furnished only as a guide and is not all-inclusive of available Sherwin-Williams products.

OTC Compliant Interior Coatings			updated 03/01/21
SUBSTRATE	PRODUCTS	OTC CATEGORY	PRODUCT VOCs†
1,2,4,5,6	Pro Industrial Waterbased DryFall Flat, B42W181, B42T81 & B42B81	DRY FOG	<50 g/L
1,2,4,5,6	Pro Industrial Waterbased DryFall Eg-Shel, B24W182, B42W82 & Semi-Gloss B42W83	DRY FOG	<50 g/L
1,2,4,5,6	Dry Fall Flat, B48W60	DRY FOG	<375 g/L
1,2,4,5,6	Super Save-Lite® Dryfall, Semi-Gloss, B47W62	DRY FOG	<375 g/L
1,3,7,8	Builders Solution™ Interior Latex Flat, A61 Series & Matte, A64 Series	FLAT	<50 g/L
1,3,7,8	Cashmere Interior Acrylic Flat Enamel, D16-150 Series	FLAT	<50 g/L
1,3,7,8	Duration Home® Interior Latex Flat & Matte, A95 & A96 Series	FLAT	<50 g/L
1,3,7,8	EcoSelect Interior Flat, A21 Series	FLAT	<50 g/L
1,3,7,8	Emerald® Designer Edition™ Interior Flat K25 Series	FLAT	<50 g/L
1,3,7,8	Emerald Interior Flat & Matte, K35 & K36 Series	FLAT	<50 g/L
1,3,7,8	Harmony Interior Latex Flat, B5 Series	FLAT	<50 g/L
1,3,7,8	ProMar® 200 Zero VOC Latex Flat B30-2600/12600, Low Sheen B24-2600 & Low Gloss B41-2600 Series	FLAT	<50 g/L
1,3,7,8	ProMar® 400 Zero VOC Interior Latex Flat, B30-4600, Low Sheen, B24-4600 Series	FLAT	<50 g/L
1,3,7,8	Property Solution™ Interior Flat, B30W3050	FLAT	<50 g/L
1,3,7,8	Solo Interior/Exterior Flat, A74 Series	FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior with Air Purifying Technology¹ Flat A86-60 Series	FLAT	<50 g/L
1,3,7,8	SuperPaint Interior Flat & Velvet, A86-1150 & A94-150 Series	FLAT	<50 g/L
1,3,7,8	Cashmere Interior Acrylic Low Lustre, Eg-Shel, Pearl & Medium Lustre, D17, D19, D15 & D18-150 Series	NON-FLAT	<50 g/L
1,3,7,8	Duration Home Latex Satin & Semi-Gloss, A97 & A98 Series	NON-FLAT	<50 g/L
1,3,8	EcoSelect Interior Eg-Shel & Semi-Gloss, A22 & A20 Series	NON-FLAT	<50 g/L
1,3,7,8	Emerald® Designer Edition™ Interior Eg-Shel, Satin & Gloss K26,K27 & K29 Series	NON-FLAT	<50 g/L
1,3,7,8	Emerald Interior Satin & Semi-Gloss, K37 & K38 Series	NON-FLAT	<50 g/L
1,3,7,8	Emerald® Urethane Trim Enamel, Satin, Semi-Gloss & Gloss K36, K37 & K38 Series	NON-FLAT	<50 g/L
1,3,7,8	Harmony Latex Eg-Shel & Semi-Gloss, B9 & B10 Series	NON-FLAT	<50 g/L
1,3,4,6,7,8	ProClassic™ Interior Waterbased Acrylic-Alkyd Satin, B33 & Semi-Gloss, B34 Series	NON-FLAT	<50 g/L
1,3,4,6,7,8	ProClassic® Waterborne Acrylic Satin, Semi-Gloss, B20 & B31 Series	NON-FLAT	<50 g/L
1,3,7,8	ProMar® 200 HP Zero VOC Latex Low Gloss Eg-Shel, Eg-Shel & S/G B41, B20 & B31-1950 Series	NON-FLAT	<50 g/L
1,3,7,8	ProMar® 200 Zero VOC Latex Eg-Shel, B20-2600, 12600 & Semi-Gloss & Gloss B31-2600, B21-12650 Series	NON-FLAT	<50 g/L
1,3,7,8	ProMar® 400 Zero VOC Latex Eg-Shel B20-4600, Semi-Gloss & Gloss B31-4600 & B21-4650 Series	NON-FLAT	<50 g/L
1,3,7,8	Property Solution™ Interior Eg-Shel, B20W3050 & Semi-Gloss, B31W3060	NON-FLAT	<50 g/L
1,3,7,8	Solo Interior/Exterior Eg-Shel, Satin, Semi-Gloss & Gloss, A75,A73, A76 & A77 Series	NON-FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior with Air Purifying Technology¹ Satin & Semi-Gloss A87 & A88-60 Series	NON-FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior Satin, A87-1150/1250 & Semi-Gloss A88-1150 Series	NON-FLAT	<50 g/L
1,3	ConFlex Block Filler, CF01W0050	P,S,U	<50 g/L
11	Extreme Block Interior Exterior Primer, B51-100 Series	P,S,U	<50 g/L
11	Extreme Bond Interior Exterior Bonding Primer, B51 Series	P,S,U	<50 g/L
8	Harmony Interior Latex Primer, B11	P,S,U	<50 g/L
1,3	Loxon® Acrylic Block Surfacer, LX01 Series	P,S,U	<100 g/L
1,2,3	Loxon® Concrete & Masonry Primer, LX02 Series	P,S,U	<50 g/L
1,2,3	Loxon® Acrylic Conditioner LX03 Series	P,S,U	<50 g/L
1,2,4,5,7,8	Multi-Purpose Latex Primer, B51-450 Series	P,S,U	<50 g/L
7,8	Multi-Purpose Waterbased Acrylic-Alkyd Primer, B79W450	P,S,U	<50 g/L
1,2,4,5,7,8	PrepRite® ProBlock® Latex Primer Sealer, B51-620 Series	P,S,U	<50 g/L
7,8	Premium Wall & Wood Primer, B28W8111	P,S,U	<50 g/L
8	ProMar® 200 Zero VOC Latex Primer, B28W2600, ProMar® 400 Zero VOC Latex Primer, B28W4600	P,S,U	<50 g/L
7,8	White Pigmented Shellac Primer, B49W8150	SHELLAC OPAQUE	<550 g/L
7	Minwax® Performance Series Tintable Wood Stains 250 VOC	STAIN	<250 g/L

Substrate Key: Refer to data page for appropriate primer requirements

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| (1) Concrete - Poured, Precast, Tilt-Up Cast-In-Place, Cement Board Including Plaster | (7) Wood |
| (2) Concrete - Ceilings | (8) Drywall |
| (3) Masonry - (CMU - Concrete, Split Face, Scored, Smooth, Stucco, etc.) | (9) Concrete Floors |
| (4) Metal - Aluminum, Galvanized | (10) Wood Floors |
| (5) Metal - (Galvanized: Ceilings, Ductwork) | (11) Specialty Primer |
| (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall | |

P,S,U= Primer, Sealer, Undercoater

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen

OTC Compliant Exterior Coatings			updated 03/01/21
SUBSTRATE	PRODUCTS	OTC CATEGORY	PRODUCT VOCs†
1,3,4,6,7,13	A-100® Exterior Latex, A6 Series	FLAT	<50 g/L
1,3,4,6,7,13	Duration® Exterior Acrylic Flat, K32 Series	FLAT	<50 g/L
1,3,4,6,7,13	Emerald Exterior Flat, K47 Series	FLAT	<50 g/L
1,3,4,6,7,13	Emerald™ Rain Refresh™ Exterior Flat, K47-1900 Series	FLAT	<50 g/L
1,3,4,6,7,13	Latitude™ Exterior Latex Flat, K60 Series	FLAT	<50 g/L
1,3,7	Loxon® Self-Cleaning Acrylic Coating Flat, LX13 Series	FLAT	<50 g/L
1,3,4,6,7,13	Resilience™ Latex Flat, K42 Series	FLAT	<50 g/L
1,3,4,6,7,13	SuperPaint® Exterior Flat, A80 Series	FLAT	<50 g/L
1,3,4,6,7,13	Solo Interior/Exterior Flat, A74 Series	FLAT	<50 g/L
1,3	ConFlex UltraCrete Acrylic Textured Masonry Topcoat (Fine,Med,Coarse) CF17 Series	FLAT	<50 g/L
9,10	Porch & Floor Enamel, A32-200 Series	FLOOR	<50 g/L
7	WoodScapes® Exterior Semi-Transparent Stain, A15T5	LOW SOLIDS	<100 g/L
1,3,4,6,7,13	A-100 Exterior Latex Satin, A82 & Gloss, A8 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Duration Exterior Low Lustre, K30, Satin, K33 & Gloss K34 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Emerald Exterior Satin, K48 & Gloss K49 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Emerald™ Rain Refresh™ Exterior Satin & Gloss K48 & K49-1900 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Latitude™ Exterior Latex Satin, Gloss K62 & K64 Series	NON-FLAT	<50 g/L
1,3,7	Loxon® Self-Cleaning Acrylic Coating Satin, LX14 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Resilience™ Latex Satin, K43 & Gloss, K44 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Solo Interior/Exterior Eg-Shel, Satin, Semi-Gloss & Gloss, A75,A73, A76 & A77 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	SuperPaint® Exterior Low Lustre, Satin & Gloss, A78, A89 & A84 Series	NON-FLAT	<50 g/L
1,3	ConFlex Block Filler, CF01W0050	P,S,U	<50 g/L
7	Exterior Latex Primer, B42-Series	P,S,U	<100 g/L
1,3	Loxon Concrete & Masonry Primer, LX02 Series	P,S,U	<50 g/L
1,3	Loxon® Acrylic Block Surfacers, LX01 Series	P,S,U	<100 g/L
1,3	Loxon® Acrylic Conditioner, LX03 Series	P,S,U	<50 g/L
1,2,4,5,7,8,13	Multi-Purpose Latex Primer, B51-450 Series	P,S,U	<50 g/L
1,2,4,5,7,8	PrepRite® ProBlock® Latex Primer Sealer, B51-620 Series	P,S,U	<50 g/L
7	Exterior Stain Blocking Primer, Y24W8020	SPECIALTY PRIMER	<350 g/L
7,10	SuperDeck® Exterior Waterborne Solid Deck Stain SD7 Series	STAIN	<100 g/L
7,10	SuperDeck® Exterior Waterborne Semi-Transparent Stain SD3T Series	STAIN	<50 g/L
7,10	SuperDeck® Exterior Semi-Transparent Stain, SD4 Series	STAIN	<250 g/L
7,10	SuperDeck® Exterior Transparent Stain SD2- Series	STAIN	<250 g/L
7	WoodScapes® Solid Color Stain, A15 Series	STAIN	<100 g/L
1,3	Loxon Vertical Concrete Stain, LX31 Series	STAIN	<50 g/L
12	Pro-Park™ Waterborne Traffic Marking B97 Series	TRAFFIC MARKING	<50 g/L
12	SetFast Acrylic Zone Marking TM2160, TM2161	TRAFFIC MARKING	<100 g/L
12	SetFast Acrylic Waterborne Traffic Marking, TM226, TM227	TRAFFIC MARKING	<100 g/L
1,3	ConFlex XL Elastomeric High Build Coating, CF11 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	ConFlex XL Textured Elastomeric HB Coating, CF12 Series	WATERPROOFING Concrete/Masonry Sealers	<100 g/L
1,3	ConFlex 7% Siloxane Water Repellent, CF31T7	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	Loxon® XP Waterproofing System, LX11 & LX21 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	ConFlex® Flexible Concrete Waterproofer, CF14 & CF15 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	ConFlex Sherlastic® Elastomeric Coating, CF16 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L

Substrate Key: Refer to data page for appropriate primer requirements

- (1) Concrete - Poured, Precast, Tilt-Up Cast-In-Place, Cement Board Including Plaster
- (2) Concrete - Ceilings
- (3) Masonry - (CMU - Concrete, Split Face, Scored, Smooth, Stucco, etc.)
- (4) Metal - Aluminum, Galvanized
- (5) Metal - (Galvanized: Ceilings, Ductwork)
- (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall

- (7) Wood
- (8) Drywall
- (9) Concrete Floors
- (10) Wood Floors
- (11) Specialty Primer
- (12) Zone Marking Exterior
- (13) Vinyl, EIFS

P,S,U= Primer, Sealer, Undercoater †Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

OTC PHASE II Compliant Interior Industrial Maintenance Floor Coatings			updated 03/01/21
SUBSTRATE	PRODUCTS	OTC PHASE II CATEGORY	PRODUCT VOCs†
9	ArmorSeal® 33 Epoxy Primer/Sealer B58AQ33 Series	INDUSTRIAL MAINTENANCE	<50 g/L
9	ArmorSeal® 650 SL/RC Self-Leveling Epoxy B58Q650 Series	INDUSTRIAL MAINTENANCE	<100 g/L
9	ArmorSeal® ArmorQuartz System, B58Q650 Series	INDUSTRIAL MAINTENANCE	<100 g/L
9	ArmorSeal® Crack Filler, B58AQ2	INDUSTRIAL MAINTENANCE	<50 g/L
9	ArmorSeal® Expresspatch, B58Q5 Series	INDUSTRIAL MAINTENANCE	<50 g/L
9	ArmorSeal® Flexible Joint Sealant, B58AQ1	INDUSTRIAL MAINTENANCE	<100 g/L
9	ArmorSeal® 8100 Water Based Epoxy B70-8100 Series	INDUSTRIAL MAINTENANCE	<50 g/L
9	ArmorSeal® HS Polyurethane, B65-220 Series	INDUSTRIAL MAINTENANCE	<250 g/L
9,10	ArmorSeal® Tread-Plex™ Floor Finish B90 Series	INDUSTRIAL MAINTENANCE	<100 g/L
9	ArmorSeal® WB Epoxy Primer/Sealer Clear B70VQ10	INDUSTRIAL MAINTENANCE	<250 g/L

Substrate Key:

Refer to data page for appropriate primer requirements

- (1) Concrete - Poured, Precast, Tilt-Up, Cast-In-Place, Cement Board Including Plaster
- (2) Concrete - Ceilings
- (3) Masonry - (CMU - Concrete, Split Face, Scored, Smooth, Stucco, etc.)
- (4) Metal - Aluminum, Galvanized
- (5) Metal - (Galvanized: Ceilings, Ductwork)
- (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall (interior)
- (7) Wood
- (8) Drywall
- (9) Concrete Floors
- (10) Wood Floors
- (11) Specialty Primer
- (12) Zone Marking Exterior

We recommend that you verify that your product selections meet the most current VOC requirements of the area in which they are to be used. As of the date of printing, all the Sherwin-Williams coatings included in this specification are OTC Phase II compliant as packaged.

* (1) Units are grams of VOC per liter of coating, including water and exempt compound.

For more information visit otcair.org

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

OTC PHASE II Compliant Industrial Maintenance Coatings				updated 03/01/21
SUBSTRATE	PRODUCTS	INTERIOR/ EXTERIOR	OTC PHASE II CATEGORY	PRODUCT VOCs†
4,5,6	Bond-Plex Waterbased Acrylic, B71W211 & B71T204	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,3	Cement-Plex® 875, B42W200	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
4,5	DTM Wash Primer B71Y1	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,3,4,6,7,8	Macropoxy® 646 Fast Cure B58-600 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<250 g/L
1,3,4,6,7,8	Macropoxy® 646-100 Fast Cure B58-620 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,3,4,6,7,8	Metalatex® Semi-Gloss Coating B42 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,2,3,4,5,6,8	Pro Industrial™ Acrylic Coating, B66-600/1660 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,2,3,4,5,6,8	Pro Industrial™ DTM Acrylic Coating, B66-1000 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
4,5,6	Pro Industrial DTM Primer/Finish B66-11 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3	Pro Industrial Heavy Duty Block Filler, B42W150	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,7,8	Pro Industrial™ Multi-Surface Acrylic, B66-1500 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,7,8	Pro Industrial™ Pre-Catalyzed W/B Epoxy Eg-Shel & Semi-Gloss, K45& K46 Series	INT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,7,8	Pro Industrial™ Pre-Catalyzed W/B Urethane, B65-1100 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
4,5,6	Pro Industrial™ Pro-Cryl® Universal Primer Off White,Grey & Red Oxide B66-1300 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,2,3,4,5,6,8	Pro Industrial™ Water Based Catalyzed Epoxy, B73-300 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,8	Pro Industrial™ Water Based Acrolon 100, B65-720 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,3,4,6,7,8	Pro Industrial™ Waterbased Alkyd Urethane B53 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,7,8	Water Based Catalyzed Epoxy B70 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<200 g/L

Substrate Key: Refer to data page for appropriate primer requirements

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| (1) Concrete - Poured, Precast, Tilt-Up Cast-In-Place, Cement Board Including Plaster | (7) Wood |
| (2) Concrete - Ceilings | (8) Drywall |
| (3) Masonry - (CMU - Concrete, Split Face, Scored, Smooth, Stucco, etc.) | (9) Concrete Floors |
| (4) Metal - Aluminum, Galvanized | (10) Wood Floors |
| (5) Metal - (Galvanized: Ceilings, Ductwork) | (11) Specialty Primer |
| (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall | (12) Zone Marking Exterior |

“Industrial maintenance coating” means a high performance architectural coating, including primers, sealers, undercoaters, intermediate coats, and topcoats, formulated for application to substrates including floors, exposed to one or more of the extreme environmental conditions listed in (1) through (5) under this definition and labeled as specified in subsection 1.4.4 of the regulation: (1) immersion in water, wastewater, or chemical solutions (aqueous and non-aqueous solutions), or chronic exposure of interior surfaces to moisture condensation; (2) acute or chronic exposure to corrosive, caustic, or acidic agents, or to chemicals, chemical fumes or chemical mixtures or solutions; (3) frequent exposure to temperatures above 121°C (250°F); (4) (frequent) heavy abrasion, including mechanical wear and repeated (frequent) scrubbing with industrial solvents, cleansers, or scouring agents; or (5) exterior exposure of metal structures and structural components.

P,S,U= Primer, Sealer, Undercoater

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen

OTC PHASE II Compliant Interior Coatings			updated 03/01/21
SUBSTRATE	PRODUCTS	OTC PHASE II CATEGORY	PRODUCT VOCs†
1,2,4,5,6	Pro Industrial Waterbased DryFall Flat, B42W181, B42T81 & B42B81	DRY FOG	<50 g/L
1,2,4,5,6	Pro Industrial Waterbased DryFall Eg-Shel, B42W182, B42W82 & Semi-Gloss B42W83	DRY FOG	<50 g/L
1,3,7,8	Builders Solution™ Interior Latex Flat, A61 Series & Matte, A64 Series	FLAT	<50 g/L
1,3,7,8	Cashmere Interior Acrylic Flat Enamel, D16-150 Series	FLAT	<50 g/L
1,3,7,8	Duration Home® Interior Latex Flat & Matte, A95 & A96 Series	FLAT	<50 g/L
1,3,7,8	EcoSelect Interior Flat, A21 Series	FLAT	<50 g/L
1,3,7,8	Emerald® Designer Edition™ Interior Flat K25 Series	FLAT	<50 g/L
1,3,7,8	Emerald Interior Flat & Matte, K35 & K36 Series	FLAT	<50 g/L
1,3,7,8	Harmony Interior Latex Flat, B5 Series	FLAT	<50 g/L
1,3,7,8	ProMar® 200 Zero VOC Latex Flat B30-2600/12600, Low Sheen B24-2600 & Low Gloss B41-2600 Series	FLAT	<50 g/L
1,3,7,8	ProMar® 400 Zero VOC Interior Latex Flat, B30-4600, Low Sheen, B24-4600 Series	FLAT	<50 g/L
1,3,7,8	Property Solution™ Interior Flat, B30W3050	FLAT	<50 g/L
1,3,7,8	Solo Interior/Exterior Flat, A74 Series	FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior with Air Purifying Technology¹ Flat A86-60 Series	FLAT	<50 g/L
1,3,7,8	SuperPaint Interior Flat & Velvet, A86-1150 & A94-150 Series	FLAT	<50 g/L
1,3,7,8	Cashmere Interior Acrylic Low Lustre, Eg-Shel, Pearl & Medium Lustre, D17, D19, D15 & D18-150 Series	NON-FLAT	<50 g/L
1,3,7,8	Duration Home Latex Satin & Semi-Gloss, A97 & A98 Series	NON-FLAT	<50 g/L
1,3,8	EcoSelect Interior Eg-Shel & Semi-Gloss, A22 & A20 Series	NON-FLAT	<50 g/L
1,3,7,8	Emerald® Designer Edition™ Interior Eg-Shel, Satin & Gloss K26,K27 & K29 Series	FLAT	<50 g/L
1,3,7,8	Emerald Interior Satin & Semi-Gloss, K37 & K38 Series	NON-FLAT	<50 g/L
1,3,7,8	Emerald® Urethane Trim Enamel, Satin, Semi-Gloss & Gloss K36, K37 & K38 Series	NON-FLAT	<50 g/L
1,3,7,8	Harmony Latex Eg-Shel & Semi-Gloss, B9 & B10 Series	NON-FLAT	<50 g/L
1,3,4,6,7,8	ProClassic™ Interior Waterbased Acrylic-Alkyd Satin, B33 & Semi-Gloss, B34 Series	NON-FLAT	<50 g/L
1,3,4,6,7,8	ProClassic® Waterborne Acrylic Satin, Semi-Gloss, B20 & B31 Series	NON-FLAT	<50 g/L
1,3,7,8	ProMar® 200 HP Zero VOC Latex Low Gloss Eg-Shel, Eg-Shel & S/G B41, B20 & B31-1950 Series	NON-FLAT	<50 g/L
1,3,7,8	ProMar® 200 Zero VOC Latex Eg-Shel, B20-2600,12600 & Semi-Gloss & Gloss B31-2600, B21-12650 Series	NON-FLAT	<50 g/L
1,3,7,8	ProMar® 200 Interior Waterbased Acrylic-Alkyd Eg-Shel/Semi-Gloss/Gloss B33-8251, B34-8251 & B35-8251	NON-FLAT	<100 g/L
1,3,7,8	ProMar® 400 Zero VOC Latex Eg-Shel B20-4600, Semi-Gloss & Gloss B31-4600 & B21-4650 Series	NON-FLAT	<50 g/L
1,3,7,8	Property Solution™ Interior Eg-Shel, B20W3050 & Semi-Gloss, B31W3060	NON-FLAT	<50 g/L
1,3,7,8	Solo Interior/Exterior Eg-Shel, Satin, Semi-Gloss & Gloss, A75,A73, A76 & A77 Series	NON-FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior with Air Purifying Technology¹ Satin & Semi-Gloss A87 & A88-60 Series	NON-FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior Satin, A87-1150/1250 & Semi-Gloss A88-1150 Series	NON-FLAT	<50 g/L
1,3	ConFlex Block Filler, CF01W0050	P,S,U	<50 g/L
11	Extreme Block Interior Exterior Primer, B51-100 Series	P,S,U	<50 g/L
11	Extreme Bond Interior Exterior Bonding Primer, B51 Series	P,S,U	<50 g/L
8	Harmony Interior Latex Primer, B11	P,S,U	<50 g/L
1,3	Loxon® Acrylic Block Surfacer, LX01 Series	P,S,U	<100 g/L
1,2,3	Loxon® Concrete & Masonry Primer, LX02 Series	P,S,U	<50 g/L
1,2,3	Loxon® Acrylic Conditioner LX03 Series	P,S,U	<50 g/L
1,2,4,5,7,8	Multi-Purpose Latex Primer, B51-450 Series	P,S,U	<50 g/L
7,8	Multi-Purpose Waterbased Acrylic-Alkyd Primer, B79W450	P,S,U	<50 g/L
1,2,4,5,7,8	PrepRite® ProBlock® Latex Primer Sealer, B51-620 Series	P,S,U	<50 g/L
7,8	Premium Wall & Wood Primer, B28W8111	P,S,U	<50 g/L
8	ProMar® 200 Zero VOC Latex Primer, B28W2600, ProMar® 400 Zero VOC Latex Primer, B28W4600	P,S,U	<50 g/L
7,8	White Pigmented Shellac Primer, B49W8150	SHELLAC OPAQUE	<550 g/L
7	Minwax® Performance Series Tintable Wood Stains 250 VOC	STAIN	<250 g/L

Substrate Key: Refer to data page for appropriate primer requirements

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| (1) Concrete - Poured, Precast, Tilt-Up Cast-In-Place, Cement Board Including Plaster | (7) Wood |
| (2) Concrete - Ceilings | (8) Drywall |
| (3) Masonry - (CMU - Concrete, Split Face, Scored, Smooth, Stucco, etc.) | (9) Concrete Floors |
| (4) Metal - Aluminum, Galvanized | (10) Wood Floors |
| (5) Metal - (Galvanized: Ceilings, Ductwork) | (11) Specialty Primer |
| (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall | |

P,S,U= Primer, Sealer, Undercoater

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen

OTC PHASE II Compliant Exterior Coatings			updated 03/01/21
SUBSTRATE	PRODUCTS	OTC PHASE II CATEGORY	PRODUCT VOCs†
1,3	ConFlex XL Elastomeric High Build Coating, CF11 Series	CONCRETE/MASONRY SEALER	<50 g/L
1,3	ConFlex XL Textured Elastomeric HB Coating, CF12 Series	CONCRETE/MASONRY SEALER	<100 g/L
1,3	ConFlex 7% Siloxane Water Repellant, CF31T7	CONCRETE/MASONRY SEALER	<50 g/L
1,3	Loxon® XP Waterproofing System, LX11 & LX21 Series	CONCRETE/MASONRY SEALER	<50 g/L
1,3	ConFlex® Flexible Concrete Waterproofer, CF14 & CF15 Series	CONCRETE/MASONRY SEALER	<50 g/L
1,3	ConFlex Sherlastic® Elastomeric Coating, CF16 Series	CONCRETE/MASONRY SEALER	<50 g/L
1,3,4,6,7,13	A-100® Exterior Latex, A6 Series	FLAT	<50 g/L
1,3,4,6,7,13	Duration® Exterior Acrylic Flat, K32 Series	FLAT	<50 g/L
1,3,4,6,7,13	Emerald Exterior Flat, K47 Series	FLAT	<50 g/L
1,3,4,6,7,13	Emerald™ Rain Refresh™ Exterior Flat, K47-1900 Series	FLAT	<50 g/L
1,3,4,6,7,13	Latitude™ Exterior Latex Flat, K60 Series	FLAT	<50 g/L
1,3,7	Loxon® Self-Cleaning Acrylic Coating Flat, LX13 Series	FLAT	<50 g/L
1,3,4,6,7,13	Resilience™ Latex Flat, K42 Series	FLAT	<50 g/L
1,3,4,6,7,13	SuperPaint® Exterior Flat, A80 Series	FLAT	<50 g/L
1,3,4,6,7,13	Solo Interior/Exterior Flat, A74 Series	FLAT	<50 g/L
9,10	Porch & Floor Enamel, A32-200 Series	FLOOR	<50 g/L
7	WoodScapes® Exterior Semi-Transparent Stain, A15T5	LOW SOLIDS	<100 g/L
1,3,4,6,7,13	A-100 Exterior Latex Satin, A82 & Gloss, A8 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Duration Exterior Low Lustre, K30, Satin, K33 & Gloss K34 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Emerald Exterior Satin, K48-50 & Gloss K49 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Emerald™ Rain Refresh™ Exterior Satin & Gloss K48 & K49-1900 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Latitude™ Exterior Latex Satin & Gloss K62 & K64 Series	NON-FLAT	<50 g/L
1,3,7	Loxon® Self-Cleaning Acrylic Coating Satin, LX14 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Resilience™ Latex Satin, K43 & Gloss, K44 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Solo Interior/Exterior Eg-Shel, Satin, Semi-Gloss & Gloss, A75,A73, A76 & A77 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	SuperPaint® Exterior Low Lustre, Satin & Gloss, A78, A89 & A84 Series	NON-FLAT	<50 g/L
1,3	ConFlex Block Filler, CF01W0050	P,S,U	<50 g/L
7	Exterior Latex Primer, B42-Series	P,S,U	<100 g/L
1,3	Loxon Concrete & Masonry Primer, LX02 Series	P,S,U	<50 g/L
1,3	Loxon® Acrylic Block Surfacer, LX01 Series	P,S,U	<100 g/L
1,3	Loxon® Acrylic Conditioner, LX03 Series	P,S,U	<50 g/L
1,2,4,5,7,8,13	Multi-Purpose Latex Primer, B51-450 Series	P,S,U	<50 g/L
1,2,4,5,7,8	PrepRite® ProBlock® Latex Primer Sealer, B51-620 Series	P,S,U	<50 g/L
11	PrimeRx™ Peel Bonding Primer, B51T600	P,S,U	<50 g/L
7,10	SuperDeck® Exterior Waterborne Solid Deck Stain SD7 Series	STAIN	<100 g/L
7,10	SuperDeck® Exterior Waterborne Semi-Transparent Stain SD3T Series	STAIN	<50 g/L
7,10	SuperDeck® Exterior Semi-Transparent Stain, SD4 Series	STAIN	<250 g/L
7,10	SuperDeck® Exterior Transparent Stain SD2- Series	STAIN	<250 g/L
7	WoodScapes® Solid Color Stain, A15 Series	STAIN	<100 g/L
1,3	Loxon Vertical Concrete Stain, LX31 Series	STAIN	<50 g/L
12	Pro-Park™ Waterborne Traffic Marking B97 Series	TRAFFIC MARKING	<50 g/L
12	SetFast Acrylic Zone Marking TM2160, TM2161	TRAFFIC MARKING	<100 g/L
12	SetFast Acrylic Waterborne Traffic Marking, TM226, TM227	TRAFFIC MARKING	<100 g/L

Substrate Key: Refer to data page for appropriate primer requirements

- (1) Concrete - Poured, Precast, Tilt-Up Cast-In-Place, Cement Board Including Plaster
- (2) Concrete - Ceilings
- (3) Masonry - (CMU - Concrete, Split Face, Scored, Smooth, Stucco, etc.)
- (4) Metal - Aluminum, Galvanized
- (5) Metal - (Galvanized: Ceilings, Ductwork)
- (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall

- (7) Wood
- (8) Drywall
- (9) Concrete Floors
- (10) Wood Floors
- (11) Specialty Primer
- (12) Zone Marking Exterior
- (13) Vinyl, EIFS

P,S,U= Primer, Sealer, Undercoater

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

OHIO & ILLINOIS VOC Rules

This information is only a guide and is not all-inclusive of all VOC regulations

updated 03/01/21

OHIO & ILLINOIS COATING CATEGORY	VOC CONTENT LIMIT
Flat Coatings	100 g/L
Non-Flat Coatings	150 g/L
Non-Flat – High Gloss Coatings	250 g/L
Dry Fog Coatings	400 g/L
Faux Finishing Coatings	350 g/L
Floor Coatings	250 g/L
High-Temperature Coatings	420 g/L
Industrial Maintenance Coatings	340 g/L
Low-Solids Coatings	120 g/L* (1)
Multi-Color Coatings	250 g/L
Pre-Treatment Wash Primers	420 g/L
Primers, Sealers, and Undercoaters	200 g/L
Quick-Dry Primers, Sealers and Undercoaters	200 g/L
Rust Preventive Coatings	400 g/L
Shellacs	
Clear	730 g/L
Opaque	550 g/L
Specialty Primers, Sealers, and Undercoaters	350 g/L
Stains	250 g/L
Traffic Marking Coatings	150 g/L
Varnishes	350 g/L
Waterproofing Concrete/Masonry Sealers	400 g/L
Wood Preservatives	350 g/L

Illinois enacted VOC (Volatile Organic Compounds) regulations for paints that will went into effect on 7/1/09. These regulations are similar to those that have been implemented in the The Ozone Transport Commission (OTC) regions. Under the new regulations, lower VOC limits will be in effect for 54 coatings categories, such as flats, non-flats, primers, stains, varnishes and industrial maintenance coatings. All coatings sold, specified for use or used within the regulated areas must comply with these VOC limits. For additional information on the new VOC regulations, contact your Sherwin-Williams sales representative or local store manager.

Ohio VOC (Volatile Organic Compounds) regulations for paints went into effect on 1/1/09 in Ohio. These regulations are similar to those that have been implemented in the The Ozone Transport Commission (OTC) regions. Under the new regulations, lower VOC limits will be in effect for 54 coatings categories, such as flats, non-flats, primers, stains, varnishes and industrial maintenance coatings. All coatings sold, specified for use or used within the regulated areas must comply with these VOC limits.. For additional information on the new VOC regulations, contact your Sherwin-Williams sales representative or local store manager or visit the Ohio EPA website at: www.epa.state.oh.us

OHIO & ILLINOIS Compliant Interior Industrial Maintenance Floor Coatings			updated 03/01/21
SUBSTRATE	PRODUCTS	OHIO & ILLINOIS CATEGORY	PRODUCT VOCs†
9	ArmorSeal® 1K Water Based Urethane Floor Enamel, B65-775 Series	INDUSTRIAL MAINTENANCE	<340 g/L
9	ArmorSeal® 1000 HS Epoxy B67-2000 Series (colors)	INDUSTRIAL MAINTENANCE	<340 g/L
9	ArmorSeal® 33 Epoxy Primer/Sealer B58AQ33 Series	INDUSTRIAL MAINTENANCE	<50 g/L
9	ArmorSeal® 650 SL/RC Self-Leveling Epoxy B58Q650 Series	INDUSTRIAL MAINTENANCE	<100 g/L
9	ArmorSeal® ArmorQuartz System, B58Q650 Series	INDUSTRIAL MAINTENANCE	<100 g/L
9	ArmorSeal® Crack Filler, B58AQ2	INDUSTRIAL MAINTENANCE	<50 g/L
9	ArmorSeal® Expresspatch™, B58Q5 Series	INDUSTRIAL MAINTENANCE	<50 g/L
9	ArmorSeal® Flexible Joint Sealant, B58AQ1	INDUSTRIAL MAINTENANCE	<100 g/L
9	ArmorSeal® 8100 Water Based Epoxy B70-8100 Series	INDUSTRIAL MAINTENANCE	<50 g/L
9	ArmorSeal® HS Polyurethane, B65-220 Series	INDUSTRIAL MAINTENANCE	<250 g/L
9,10	ArmorSeal® Rexthane™ I MCU B65-60 Series	INDUSTRIAL MAINTENANCE	<340 g/L
9,10	ArmorSeal® Tread-Plex™ Floor Finish B90 Series	INDUSTRIAL MAINTENANCE	<100 g/L
9	ArmorSeal® Waterbased Epoxy Primer/Sealer Clear B70VQ10	INDUSTRIAL MAINTENANCE	<250 g/L

Substrate Key:

Refer to data page for appropriate primer requirements

- (1) Concrete - Poured, Precast, Tilt-Up, Cast-In-Place, Cement Board Including Plaster
- (2) Concrete - Ceilings
- (3) Masonry - (CMU - Concrete, Split Face, Scored, Smooth, Stucco, etc.)
- (4) Metal - Aluminum, Galvanized
- (5) Metal - (Galvanized: Ceilings, Ductwork)
- (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall (interior)
- (7) Wood
- (8) Drywall
- (9) Concrete Floors
- (10) Wood Floors
- (11) Specialty Primer
- (12) Zone Marking Exterior

“Industrial maintenance coating” means a high performance architectural coating, including primers, sealers, undercoaters, intermediate coats, and topcoats, formulated for application to substrates exposed to one or more of the following extreme environmental conditions listed below and labeled as specified in paragraph (A)(4) of rule 3745-113-04 or (IL)Section 223.320(d): of the Administrative Code:(a) Immersion in water, wastewater, or chemical solutions (aqueous and nonaqueous solutions), or chronic exposures of interior surfaces to moisture condensation; b) Acute or chronic exposure to corrosive, caustic, or acidic agents, or to chemicals, chemical fumes, or chemical mixtures or solutions; c) Repeated exposure to temperatures above one hundred twenty-one degrees Celsius (two hundred and fifty degrees Fahrenheit); (d) Repeated (frequent) heavy abrasion, including mechanical wear and repeated (frequent) scrubbing with industrial solvents, cleansers, or scouring agents; or (e) Exterior exposure of metal structures and structural components. **P,S,U= Primer, Sealer, Undercoater**

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

OHIO & ILLINOIS Compliant Industrial Maintenance Coatings				updated 03/01/21
SUBSTRATE	PRODUCTS	INTERIOR/ EXTERIOR	OHIO & ILLINOIS CATEGORY	PRODUCT VOCs†
4,6	Acrolon™ 218 HS Polyurethane, B65-600 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
4,5,6	Bond-Plex Waterbased Acrylic, B71W211 & B71T204	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,3	Cement-Plex® 875, B42W200	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
6	Corothane® I GalvaPac Zinc Primer B65G10/B69D210	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
5,6	Corothane® I HS Aliphatic B65-50 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
5,6	Corothane® I MIO-Aluminum, B65S14	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
4,5	DTM Wash Primer B71Y1	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,3,4,6,7,8	Hi-Solids Catalyzed Epoxy, B62-200 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
4,6	Hi-Solids Polyurethane, B65-300 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
6	Kem Bond HS Primer B50Z Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
1,3	Kem Cati-Coat HS Epoxy Filler/Sealer, B42W400	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
1,3,4,6,7,8	Macropoxy® 646 Fast Cure B58-600 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<250 g/L
1,3,4,6,7,8	Macropoxy® HS Epoxy B58-400 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
1,3,4,6,7,8	Metalatex® Semi-Gloss Coating B42 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,2,3,4,5,6,8	Pro Industrial Acrylic Coating, B66-600/1660 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,2,3,4,5,6,8	Pro Industrial DTM Acrylic Coating, B66-1000 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
4,5,6	Pro Industrial DTM Primer/Finish B66-11 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3	Pro Industrial Heavy Duty Block Filler, B42W150	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,7,8	Pro Industrial Multi-Surface Acrylic, B66-1500 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,7,8	Pro Industrial™ Pre-Catalyzed Water Based Epoxy Eg-Shel & Semi-Gloss, K45 & K46 Series	INT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,7,8	Pro Industrial™ Pre-Catalyzed Water Based Urethane, B65-1100 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
4,5,6	Pro Industrial™ Pro-Cryl® Universal Primer Off White, Grey & Red Oxide B66-1300 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,8	Pro Industrial Water Based Acrolon 100, B65-720 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,2,3,4,5,6,8	Pro Industrial Water Based Catalyzed Epoxy, B73-300 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,7,8	Pro Industrial Waterbased Alkyd Urethane B53 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
6	Recoatable Epoxy Primer, B67-5 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
1,3,4,6,7,8	Water Based Catalyzed Epoxy B70 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<200 g/L

Substrate Key: Refer to data page for appropriate primer requirements

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|--|----------------------------|
| (1) Concrete - Poured, Precast, Tilt-Up Cast-In-Place, Cement Board Including Plaster | (7) Wood |
| (2) Concrete - Ceilings | (8) Drywall |
| (3) Masonry - (CMU - Concrete, Split Face, Scored, Smooth, Stucco, etc.) | (9) Concrete Floors |
| (4) Metal - Aluminum, Galvanized | (10) Wood Floors |
| (5) Metal - (Galvanized: Ceilings, Ductwork) | (11) Specialty Primer |
| (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall | (12) Zone Marking Exterior |

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen

“Industrial maintenance coating” means a high performance architectural coating, including primers, sealers, undercoaters, intermediate coats, and topcoats, formulated for application to substrates exposed to one or more of the following extreme environmental conditions listed below and labeled as specified in paragraph (A)(4) of rule 3745-113-04 or (IL)Section 223.320(d): of the Administrative Code:(a) Immersion in water, wastewater, or chemical solutions (aqueous and nonaqueous solutions), or chronic exposures of interior surfaces to moisture condensation; b) Acute or chronic exposure to corrosive, caustic, or acidic agents, or to chemicals, chemical fumes, or chemical mixtures or solutions; c) Repeated exposure to temperatures above one hundred twenty-one degrees Celsius (two hundred and fifty degrees Fahrenheit); (d) Repeated (frequent) heavy abrasion, including mechanical wear and repeated (frequent) scrubbing with industrial solvents, cleansers, or scouring agents; or (e) Exterior exposure of metal structures and structural components. **P,S,U= Primer, Sealer, Undercoater**

This information is furnished only as a guide and is not all-inclusive of available Sherwin-Williams products.

OHIO & ILLINOIS Compliant Interior Coatings			updated 03/01/21
SUBSTRATE	PRODUCTS	OHIO & ILLINOIS CATEGORY	PRODUCT VOCs†
1,2,4,5,6	Pro Industrial Waterbased DryFall Flat, B42W181, B42T81 & B42B81	DRY FOG	<50 g/L
1,2,4,5,6	Pro Industrial Waterbased DryFall Eg-Shel, B42W182, B42W82 & Semi-Gloss B42W83	DRY FOG	<50 g/L
1,2,4,5,6	Dry Fall Flat, B48W60	DRY FOG	<375 g/L
1,2,4,5,6	Super Save-Lite® Dryfall, Semi-Gloss, B47W62	DRY FOG	<375 g/L
1,3,7,8	Builders Solution™ Interior Latex Flat, A61 Series & Matte, A64 Series	FLAT	<50 g/L
1,3,7,8	Cashmere Interior Acrylic Flat Enamel, D16-150 Series	FLAT	<50 g/L
1,3,7,8	Duration Home® Interior Latex Flat & Matte, A95 & A96 Series	FLAT	<50 g/L
1,3,7,8	EcoSelect Interior Flat, A21 Series	FLAT	<50 g/L
1,3,7,8	Emerald® Designer Edition™ Interior Flat K25 Series	FLAT	<50 g/L
1,3,7,8	Emerald Interior Flat & Matte, K35 & K36 Series	FLAT	<50 g/L
1,3,7,8	Harmony Interior Latex Flat, B5 Series	FLAT	<50 g/L
1,3,7,8	ProMar® 200 Zero VOC Latex Flat B30-2600/12600, Low Sheen B24-2600 & Low Gloss B41-2600 Series	FLAT	<50 g/L
1,3,7,8	ProMar® 400 Zero VOC Interior Latex Flat, B30-4600, Low Sheen, B24-4600 Series	FLAT	<50 g/L
1,3,7,8	Property Solution™ Interior Flat, B30W3050	FLAT	<50 g/L
1,3,7,8	Solo Interior/Exterior Flat, A74 Series	FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior with Air Purifying Technology! Flat A86-60 Series	FLAT	<50 g/L
1,3,7,8	SuperPaint Interior Flat & Velvet, A86-1150 & A94-150 Series	FLAT	<50 g/L
1,3,7,8	Cashmere Interior Acrylic Low Lustre, Eg-Shel, Pearl & Medium Lustre, D17, D19, D15 & D18-150 Series	NON-FLAT	<50 g/L
1,3,7,8	Duration Home Latex Satin & S/G, A97 & A98 Series	NON-FLAT	<50 g/L
1,3,8	EcoSelect Interior Eg-Shel & Semi-Gloss, A22 & A20 Series	NON-FLAT	<50 g/L
1,3,7,8	Emerald® Designer Edition™ Interior Eg-Shel, Satin & Gloss K26,K27 & K29 Series	NON-FLAT	<50 g/L
1,3,7,8	Emerald Interior Satin & Semi-Gloss, K37 & K38 Series	NON-FLAT	<50 g/L
1,3,7,8	Emerald® Urethane Trim Enamel, Satin, Semi-Gloss & Gloss K36, K37 & K38 Series	NON-FLAT	<50 g/L
1,3,7,8	Harmony Latex Eg-Shel & S/G, B9 & B10 Series	NON-FLAT	<50 g/L
1,3,4,6,7,8	ProClassic™ Interior Waterbased Acrylic-Alkyd Satin, B33 & Semi-Gloss, B34 Series	NON-FLAT	<50 g/L
1,3,4,6,7,8	ProClassic® Waterborne Acrylic Satin, Semi-Gloss, B20 & B31 Series	NON-FLAT	<50 g/L
1,3,7,8	ProMar® 200 HP Zero VOC Latex Low Gloss Eg-Shel, Eg-Shel & S/G B41, B20 & B31-1950 Series	NON-FLAT	<50 g/L
1,3,7,8	ProMar® 200 Zero VOC Latex Eg-Shel, B20-2600,12600 & Semi-Gloss & Gloss B31-2600, B21-12650 Series	NON-FLAT	<50 g/L
1,3,7,8	ProMar® 200 Interior Waterbased Acrylic-Alkyd Eg-Shel/S-Gloss/Gloss B33-8251, B34-8251 & B35-8251	NON-FLAT	<100 g/L
1,3,7,8	ProMar® 400 Zero VOC Latex Eg-Shel B20-4600, Semi-Gloss B31-4600 Series	NON-FLAT	<50 g/L
1,3,7,8	Property Solution™ Interior Eg-Shel, B20W3050 & Semi-Gloss, B31W3060	NON-FLAT	<50 g/L
1,3,7,8	Solo Interior/Exterior Eg-Shel, Satin, Semi-Gloss & Gloss, A75,A73, A76 & A77 Series	NON-FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior with Air Purifying Technology! Satin & Semi-Gloss A87 & A88-60 Series	NON-FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior Satin, A87-1150/1250 & Semi-Gloss A88-1150 Series	NON-FLAT	<50 g/L
1,3	ConFlex Block Filler, CF01W0050	P,S,U	<50 g/L
11	Extreme Block Interior Exterior Primer, B51-100 Series	P,S,U	<50 g/L
11	Extreme Bond Interior Exterior Bonding Primer, B51 Series	P,S,U	<50 g/L
8	Harmony Interior Latex Primer, B11	P,S,U	<50 g/L
1,3	Loxon® Acrylic Block Surfacer, LX01 Series	P,S,U	<100 g/L
1,2,3	Loxon® Concrete & Masonry Primer, LX02 Series	P,S,U	<50 g/L
1,2,3	Loxon® Acrylic Conditioner LX03 Series	P,S,U	<50 g/L
1,2,4,5,7,8	Multi-Purpose Latex Primer, B51-450 Series	P,S,U	<50 g/L
7,8	Multi-Purpose Waterbased Acrylic-Alkyd Primer, B79W450	P,S,U	<50 g/L
1,2,4,5,7,8	PrepRite® ProBlock® Latex Primer Sealer, B51-620 Series	P,S,U	<50 g/L
7,8	Premium Wall & Wood Primer, B28W8111	P,S,U	<50 g/L
8	ProMar® 200 Zero VOC Latex Primer, B28W2600, ProMar® 400 Zero VOC Latex Primer, B28W4600	P,S,U	<50 g/L
7,8	White Pigmented Shellac Primer, B49W8150	SHELLAC OPAQUE	<550 g/L
11	ProBlock® Interior Stain Blocking Oil-Based Primer, B79W8810	SPECIALTY PRIMER	<350 g/L
7	Minwax® Performance Series Tintable Wood Stains 250 VOC	STAINS	<250 g/L

Substrate Key: Refer to data page for appropriate primer requirements

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|--|-----------------------|
| (1) Concrete - Poured, Precast, Tilt-Up Cast-In-Place, Cement Board Including Plaster | (7) Wood |
| (2) Concrete - Ceilings | (8) Drywall |
| (3) Masonry - (CMU - Concrete, Split Face, Scored, Smooth, Stucco, etc.) | (9) Concrete Floors |
| (4) Metal - Aluminum, Galvanized | (10) Wood Floors |
| (5) Metal - (Galvanized: Ceilings, Ductwork) | (11) Specialty Primer |
| (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall | |

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

OHIO & ILLINOIS Compliant Exterior Coatings

updated 03/01/21

SUBSTRATE	PRODUCTS	OHIO & ILLINOIS CATEGORY	PRODUCT VOCs†
1,3,4,6,7,13	A-100® Exterior Latex, A6 Series	FLAT	<50 g/L
1,3,4,6,7,13	Duration® Exterior Acrylic Flat, K32 Series	FLAT	<50 g/L
1,3,4,6,7,13	Emerald Exterior Flat, K47 Series	FLAT	<50 g/L
1,3,4,6,7,13	Emerald™ Rain Refresh™ Exterior Flat, K47-1900 Series	FLAT	<50 g/L
1,3,4,6,7,13	Latitude™ Exterior Latex Flat, K60 Series	FLAT	<50 g/L
1,3,7	Loxon® Self-Cleaning Acrylic Coating Flat, LX13 Series	FLAT	<50 g/L
1,3,4,6,7,13	Resilience™ Latex Flat, K42 Series	FLAT	<50 g/L
1,3,4,6,7,13	SuperPaint® Exterior Flat, A80 Series	FLAT	<50 g/L
1,3,4,6,7,13	Solo Interior/Exterior Flat, A74 Series	FLAT	<50 g/L
1,3	ConFlex UltraCrete Acrylic Textured Masonry Topcoat (Fine,Med,Coarse) CF17 Series	FLAT	<100 g/L
9,10	Porch & Floor Enamel, A32 Series	FLOOR	<50 g/L
7	WoodScapes® Exterior Semi-Transparent Stain, A15T5	LOW SOLIDS	<100 g/L
1,3,4,6,7,13	A-100 Exterior Latex Satin, A82 & Gloss, A8 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Duration Exterior Low Lustre, K30, Satin, K33 & Gloss K34 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Emerald Exterior Satin, K48-50 & Gloss K49 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Emerald™ Rain Refresh™ Exterior Satin & Gloss K48 & K49-1900 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Latitude™ Exterior Latex Satin, & Gloss K62 & K64 Series	NON-FLAT	<50 g/L
1,3,7	Loxon® Self-Cleaning Acrylic Coating Satin, LX14 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Resilience™ Latex Satin, K43 & Gloss, K44 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Solo Interior/Exterior Eg-Shel, Satin, Semi-Gloss & Gloss, A75, A73, A76 & A77 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	SuperPaint® Exterior Low Lustre, Satin & Gloss, A78, A89 & A84 Series	NON-FLAT	<50 g/L
1,3	ConFlex Block Filler, CF01W0050	P,S,U	<50 g/L
7	Exterior Latex Primer, B42-Series	P,S,U	<100 g/L
1,3	Loxon Concrete & Masonry Primer, LX02 Series	P,S,U	<50 g/L
1,2,3	Loxon® Acrylic Conditioner LX03 Series	P,S,U	<50 g/L
1,3	Loxon® Acrylic Block Surfacer, LX01 Series	P,S,U	<100 g/L
1,2,4,5,7,8,13	Multi-Purpose Latex Primer, B51-450 Series	P,S,U	<50 g/L
1,2,4,5,7,8	PrepRite® ProBlock® Latex Primer Sealer, B51-620 Series	P,S,U	<50 g/L
7	Exterior Stain Blocking Primer, Y24W8020	SPECIALTY PRIMER	<350 g/L
7,10	SuperDeck® Exterior Waterborne Solid Deck Stain SD7 Series	STAIN	<100 g/L
7,10	SuperDeck® Exterior Waterborne Semi-Transparent Stain SD3T Series	STAIN	<50 g/L
7,10	SuperDeck® Exterior Semi-Transparent Stain, SD4 Series	STAIN	<250 g/L
7,10	SuperDeck® Exterior Transparent Stain SD2- Series	STAIN	<250 g/L
7	WoodScapes® Exterior Waterborne Solid Color Stain, A15 Series	STAIN	<100 g/L
1,3	Loxon Vertical Concrete Stain, LX31 Series	STAIN	<50 g/L
12	Pro-Park™ Waterborne Traffic Marking B97 Series	TRAFFIC MARKING	<50 g/L
12	SetFast Acrylic Zone Marking TM2160, TM2161	TRAFFIC MARKING	<100 g/L
12	SetFast Acrylic Waterborne Traffic Marking, TM226, TM227	TRAFFIC MARKING	<100 g/L
1,3	ConFlex XL Elastomeric High Build Coating, CF11 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	ConFlex XL Textured Elastomeric HB Coating, CF12 Series	WATERPROOFING Concrete/Masonry Sealers	<100 g/L
1,3	ConFlex 7% Siloxane Water Repellant, CF31T7	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	Loxon® XP Waterproofing System, LX11 & LX21 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	ConFlex UltraCrete Solvent Borne Smooth & Textured Masonry Waterproofing, CF18 Series	WATERPROOFING Concrete/Masonry Sealers	<400 g/L
1,3	ConFlex® Flexible Concrete Waterproofer, CF14 & CF15 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	ConFlex Sherlastic® Elastomeric Coating, CF16 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L

Substrate Key: Refer to data page for appropriate primer requirements

- | | |
|--|----------------------------|
| (1) Concrete - Poured, Precast, Tilt-Up Cast-In-Place, Cement Board Including Plaster | (7) Wood |
| (2) Concrete - Ceilings | (8) Drywall |
| (3) Masonry - (CMU - Concrete, Split Face, Scored, Smooth, Stucco, etc.) | (9) Concrete Floors |
| (4) Metal - Aluminum, Galvanized | (10) Wood Floors |
| (5) Metal - (Galvanized: Ceilings, Ductwork) | (11) Specialty Primer |
| (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall | (12) Zone Marking Exterior |
| | (13) Vinyl, EIFS |

P,S,U= Primer, Sealer, Undercoater †Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

INDIANA VOC Rules

This information is only a guide and is not all-inclusive of all VOC regulations

updated 03/01/21

INDIANA COATING CATEGORY	INDIANA VOC CONTENT LIMIT
Flat Coatings	100 g/L
Non-Flat Coatings	150 g/L
Non-Flat – High Gloss Coatings	250 g/L
Dry Fog Coatings	400 g/L
Faux Finishing Coatings	350 g/L
Floor Coatings	250 g/L
High-Temperature Coatings	420 g/L
Industrial Maintenance Coatings	340 g/L
Lacquers, including clear lacquer sanding sealers	550 g/L
Low-Solids Coatings	120 g/L* (1)
Multi-Color Coatings	250 g/L
Pre-Treatment Wash Primers	420 g/L
Primers, Sealers, and Undercoaters	200 g/L
Quick-Dry Primers, Sealers and Undercoaters	200 g/L
Rust Preventive Coatings	400 g/L
Shellacs: Clear	730 g/L
Shellacs: Opaque	550 g/L
Specialty Primers, Sealers, and Undercoaters	350 g/L
Stains	250 g/L
Traffic Marking Coatings:(ozone season -May 1 to September 30)	105 g/L
Traffic Marking Coatings:(nonozone season -October 1 to April 30)	150 g/L
Varnishes other than conversion varnishes	350 g/L
Waterproofing Concrete/Masonry Sealers	400 g/L
Wood Preservatives	350 g/L

(1) "Low-solids coating" means a coating containing twelve-hundredths (0.12) kilogram or less of solids per liter (one (1) pound or less of solids per gallon) of coating material.

Indiana New VOC (Volatile Organic Compounds) regulations for paints went into effect on 10/01/11 in Indiana. These regulations are similar to those that have been implemented in the **The Ozone Transport Commission (OTC)** regions. Under the new regulations, lower VOC limits will be in effect for coatings categories, such as flats, non-flats, primers, stains, varnishes and industrial maintenance coatings. All coatings sold, specified for use or used within the regulated areas must comply with these VOC limits. For additional information on the new VOC regulations, contact your Sherwin-Williams sales representative or local store manager or visit the Indiana website at: www.in.gov/legislative/iac

INDIANA Compliant Interior Industrial Maintenance Floor Coatings			updated 03/01/21
SUBSTRATE	PRODUCTS	INDIANA CATEGORY	PRODUCT VOCs†
9	ArmorSeal® 1K Water Based Urethane Floor Enamel, B65-775 Series	INDUSTRIAL MAINTENANCE	<340 g/L
9	ArmorSeal® 1000 HS Epoxy B67-2000 Series (colors)	INDUSTRIAL MAINTENANCE	<340 g/L
9	ArmorSeal® 33 Epoxy Primer/Sealer B58AQ33 Series	INDUSTRIAL MAINTENANCE	<50 g/L
9	ArmorSeal® 650 SL/RC Self-Leveling Epoxy B58Q650 Series	INDUSTRIAL MAINTENANCE	<100 g/L
9	ArmorSeal® ArmorQuartz System, B58Q650 Series	INDUSTRIAL MAINTENANCE	<100 g/L
9	ArmorSeal® Crack Filler, B58AQ2	INDUSTRIAL MAINTENANCE	<50 g/L
9	ArmorSeal® Expresspatch™, B58Q5 Series	INDUSTRIAL MAINTENANCE	<50 g/L
9	ArmorSeal® Flexible Joint Sealant, B58AQ1	INDUSTRIAL MAINTENANCE	<100 g/L
9	ArmorSeal® 8100 Water Based Epoxy B70-8100 Series	INDUSTRIAL MAINTENANCE	<50 g/L
9	ArmorSeal® HS Polyurethane, B65-220 Series	INDUSTRIAL MAINTENANCE	<250 g/L
9,10	ArmorSeal® Rexthane™ I MCU B65-60 Series	INDUSTRIAL MAINTENANCE	<340 g/L
9,10	ArmorSeal® Tread-Plex™ Floor Finish B90 Series	INDUSTRIAL MAINTENANCE	<100 g/L
9	ArmorSeal® Waterbased Epoxy Primer/Sealer Clear B70VQ10	INDUSTRIAL MAINTENANCE	<250 g/L

Substrate Key: Refer to data page for appropriate primer requirements

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|--|----------------------------|
| (1) Concrete - Poured, Precast, Tilt-Up Cast-In-Place, Cement Board Including Plaster | (7) Wood |
| (2) Concrete - Ceilings | (8) Drywall |
| (3) Masonry - (CMU - Concrete, Split Face, Scored, Smooth, Stucco, etc.) | (9) Concrete Floors |
| (4) Metal - Aluminum, Galvanized | (10) Wood Floors |
| (5) Metal - (Galvanized: Ceilings, Ductwork) | (11) Specialty Primer |
| (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall | (12) Zone Marking Exterior |

“Industrial maintenance coating” means a high performance architectural coating, including primers, sealers, undercoaters, intermediate coats, or topcoats, formulated for application to substrates exposed to one (1) or more of the following extreme environmental conditions and labeled as specified in section 4(4) of the Indiana VOC rule:

- (A) Immersion in water, wastewater, or chemical solutions (aqueous and nonaqueous solutions), or chronic exposures of interior surfaces to moisture condensation.
- (B) Acute or chronic exposure to: (i) corrosive, caustic, or acidic agents; (ii) chemicals; (iii) chemical fumes; or (iv) chemical mixtures or solutions.
- (C) Repeated exposure to temperatures above one hundred twenty-one (121) degrees Celsius (two hundred fifty (250) degrees Fahrenheit).
- (D) Repeated (frequent) heavy abrasion, including mechanical wear and repeated (frequent) scrubbing with industrial solvents, cleansers, or scouring agents.
- (E) Exterior exposure of metal structures and structural components.

P,S,U= Primer, Sealer, Undercoater

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen

INDIANA Compliant Industrial Maintenance Coatings				updated 03/01/21
SUBSTRATE	PRODUCTS	INTERIOR/ EXTERIOR	INDIANA CATEGORY	PRODUCT VOCs†
4,6	Acrolon™ 218 HS Polyurethane, B65-600 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
4,5,6	Bond-Plex Waterbased Acrylic, B71W211 & B71T204	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,3	Cement-Plex® 875, B42W200	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
6	Corothane® I GalvaPac Zinc Primer B65G10/B69D210	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
5,6	Corothane® I HS Aliphatic B65-50 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
5,6	Corothane® I MIO-Aluminum, B65S14	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
4,5	DTM Wash Primer B71Y1	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,3,4,6,7,8	Hi-Solids Catalyzed Epoxy, B62-200 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
4,6	Hi-Solids Polyurethane, B65-300 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
6	Kem Bond HS Primer B50Z Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
1,3	Kem Cati-Coat HS Epoxy Filler/Sealer, B42W400	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
1,3,4,6,7,8	Macropoxy® 646 Fast Cure B58-600 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<250 g/L
1,3,4,6,7,8	Macropoxy® HS Epoxy B58-400 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
1,3,4,6,7,8	Metalatex® Semi-Gloss Coating B42 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,2,3,4,5,6,8	Pro Industrial Acrylic, B66-600/1660 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,2,3,4,5,6,8	Pro Industrial DTM Acrylic Coating, B66-1000 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
4,5,6	Pro Industrial DTM Primer/Finish B66-11 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3	Pro Industrial Heavy Duty Block Filler, B42W150	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,7,8	Pro Industrial Multi-Surface Acrylic, B66-1500 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,7,8	Pro Industrial™ Pre-Catalyzed W/B Epoxy Eg-Shel & Semi-Gloss, K45 & K46 Series	INT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,7,8	Pro Industrial™ Pre-Catalyzed W/B Urethane, B65-1100 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
4,5,6	Pro Industrial™ Pro-Cryl® Universal Primer Off White, Grey & Red Oxide B66-1300 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,8	Pro Industrial Water Based Acrolon 100, B65-720 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,2,3,4,5,6,8	Pro Industrial Water Based Catalyzed Epoxy, B73-300 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,7,8	Pro Industrial Waterbased Alkyd Urethane B53 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
6	Recoatable Epoxy Primer, B67-5 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
1,3,4,6,7,8	Water Based Catalyzed Epoxy B70 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<200 g/L

Substrate Key: Refer to data page for appropriate primer requirements

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|--|----------------------------|
| (1) Concrete - Poured, Precast, Tilt-Up Cast-In-Place, Cement Board Including Plaster | (7) Wood |
| (2) Concrete - Ceilings | (8) Drywall |
| (3) Masonry - (CMU - Concrete, Split Face, Scored, Smooth, Stucco, etc.) | (9) Concrete Floors |
| (4) Metal - Aluminum, Galvanized | (10) Wood Floors |
| (5) Metal - (Galvanized: Ceilings, Ductwork) | (11) Specialty Primer |
| (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall | (12) Zone Marking Exterior |

“Industrial maintenance coating” means a high performance architectural coating, including primers, sealers, undercoaters, intermediate coats, or topcoats, formulated for application to substrates exposed to one (1) or more of the following extreme environmental conditions and labeled as specified in section 4(4) of the Indiana VOC rule:

- (A) Immersion in water, wastewater, or chemical solutions (aqueous and nonaqueous solutions), or chronic exposures of interior surfaces to moisture condensation.
- (B) Acute or chronic exposure to: (i) corrosive, caustic, or acidic agents; (ii) chemicals; (iii) chemical fumes; or (iv) chemical mixtures or solutions.
- (C) Repeated exposure to temperatures above one hundred twenty-one (121) degrees Celsius (two hundred fifty (250) degrees Fahrenheit).
- (D) Repeated (frequent) heavy abrasion, including mechanical wear and repeated (frequent) scrubbing with industrial solvents, cleansers, or scouring agents.
- (E) Exterior exposure of metal structures and structural components.

P,S,U= Primer, Sealer, Undercoater

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen

INDIANA Compliant Interior Coatings			updated 03/01/21
SUBSTRATE	PRODUCTS	INDIANA CATEGORY	PRODUCT VOCs†
1,2,4,5,6	Pro Industrial Waterbased DryFall Flat, B42W181, B42T81 & B42B81	DRY FOG	<50 g/L
1,2,4,5,6	Pro Industrial Waterbased DryFall Eg-Shel, B42W182, B42W82 & Semi-Gloss B42W83	DRY FOG	<50 g/L
1,2,4,5,6	Dry Fall Flat, B48W60	DRY FOG	<375 g/L
1,2,4,5,6	Super Save-Lite® Dryfall, Semi-Gloss, B47W62	DRY FOG	<375 g/L
1,3,7,8	Builders Solution™ Interior Latex Flat, A61 Series & Matte, A64 Series	FLAT	<50 g/L
1,3,7,8	Cashmere Interior Acrylic Flat Enamel, D16-150 Series	FLAT	<50 g/L
1,3,7,8	Duration Home® Interior Latex Flat & Matte, A95 & A96 Series	FLAT	<50 g/L
1,3,7,8	EcoSelect Interior Flat, A21 Series	FLAT	<50 g/L
1,3,7,8	Emerald® Designer Edition™ Interior Flat K25 Series	FLAT	<50 g/L
1,3,7,8	Emerald Interior Flat & Matte, K35 & K36 Series	FLAT	<50 g/L
1,3,7,8	Harmony Interior Latex Flat, B5 Series	FLAT	<50 g/L
1,3,7,8	ProMar® 200 Zero VOC Latex Flat B30-2600/12600, Low Sheen B24-2600 & Low Gloss B41-2600 Series	FLAT	<50 g/L
1,3,7,8	ProMar® 400 Zero VOC Interior Latex Flat, B30-4600, Low Sheen, B24-4600 Series	FLAT	<50 g/L
1,3,7,8	Property Solution™ Interior Flat, B30W3050	FLAT	<50 g/L
1,3,7,8	Solo Interior/Exterior Flat, A74 Series	FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior with Air Purifying Technology! Flat A86-60 Series	FLAT	<50 g/L
1,3,7,8	SuperPaint Interior Flat & Velvet, A86-1150 & A94-150 Series	FLAT	<50 g/L
1,3,7,8	Cashmere Interior Acrylic Low Lustre, Eg-Shel, Pearl & Medium Lustre, D17, D19, D15 & D18-150 Series	NON-FLAT	<50 g/L
1,3,7,8	Duration Home Latex Satin & Semi-Gloss, A97 & A98 Series	NON-FLAT	<50 g/L
1,3,8	EcoSelect Interior Eg-Shel & Semi-Gloss, A22 & A20 Series	NON-FLAT	<50 g/L
1,3,7,8	Emerald® Designer Edition™ Interior Eg-Shel, Satin & Gloss K26,K27 & K29 Series	NON-FLAT	<50 g/L
1,3,7,8	Emerald Interior Satin & Semi-Gloss, K37 & K38 Series	NON-FLAT	<50 g/L
1,3,7,8	Emerald® Urethane Trim Enamel, Satin, Semi-Gloss & Gloss K36, K37 & K38 Series	NON-FLAT	<50 g/L
1,3,7,8	Harmony Latex Eg-Shel & Semi-Gloss, B9 & B10 Series	NON-FLAT	<50 g/L
1,3,4,6,7,8	ProClassic™ Interior Waterbased Acrylic-Alkyd Satin, B33 & Semi-Gloss, B34 Series	NON-FLAT	<50 g/L
1,3,4,6,7,8	ProClassic® Waterborne Acrylic Satin, Semi-Gloss, B20 & B31 Series	NON-FLAT	<50 g/L
1,3,7,8	ProMar® 200 HP Zero VOC Latex Low Gloss Eg-Shel, Eg-Shel & S/G B41, B20 & B31-1950 Series	NON-FLAT	<50 g/L
1,3,7,8	ProMar® 200 Zero VOC Latex Eg-Shel, B20-2600,12600 & Semi-Gloss & Gloss B31-2600, B21-12650 Series	NON-FLAT	<50 g/L
1,3,7,8	ProMar® 400 Zero VOC Latex Eg-Shel B20-4600, Semi-Gloss & Gloss B31-4600 & B21-4650 Series	NON-FLAT	<50 g/L
1,3,7,8	Property Solution™ Interior Eg-Shel, B20W3050 & Semi-Gloss, B31W3060	NON-FLAT	<50 g/L
1,3,7,8	Solo Interior/Exterior Eg-Shel, Satin, Semi-Gloss & Gloss, A75,A73, A76 & A77 Series	NON-FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior with Air Purifying Technology! Satin & Semi-Gloss A87 & A88-60 Series	NON-FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior Satin, A87-1150/1250 & Semi-Gloss A88-1150 Series	NON-FLAT	<50 g/L
1,3	ConFlex Block Filler, CF01W0050	P,S,U	<50 g/L
11	Extreme Block Interior Exterior Primer, B51-100 Series	P,S,U	<50 g/L
11	Extreme Bond Interior Exterior Bonding Primer, B51 Series	P,S,U	<50 g/L
8	Harmony Interior Latex Primer, B11	P,S,U	<50 g/L
1,3	Loxon® Acrylic Block Surfacer, LX01 Series	P,S,U	<100 g/L
1,2,3	Loxon® Concrete & Masonry Primer, LX02 Series	P,S,U	<50 g/L
1,2,3	Loxon® Acrylic Conditioner LX03 Series	P,S,U	<50 g/L
1,2,4,5,7,8	Multi-Purpose Latex Primer, B51-450 Series	P,S,U	<50 g/L
1,2,4,5,7,8	PrepRite® ProBlock® Latex Primer Sealer, B51-620 Series	P,S,U	<50 g/L
7,8	Premium Wall & Wood Primer, B28W8111	P,S,U	<50 g/L
8	ProMar® 200 Zero VOC Latex Primer, B28W2600, ProMar® 400 Zero VOC Latex Primer, B28W4600	P,S,U	<50 g/L
7,8	White Pigmented Shellac Primer, B49W8150	SHELLAC OPAQUE	<550 g/L
11	ProBlock® Interior Stain Blocking Oil-Based Primer, B79W8810	SPECIALITY PRIMER	<350 g/L
7	Minwax® Performance Series Tintable Wood Stains 250 VOC	INTERIOR STAIN	<250 g/L

Substrate Key: Refer to data page for appropriate primer requirements

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|--|-----------------------|
| (1) Concrete - Poured, Precast, Tilt-Up Cast-In-Place, Cement Board Including Plaster | (7) Wood |
| (2) Concrete - Ceilings | (8) Drywall |
| (3) Masonry - (CMU - Concrete, Split Face, Scored, Smooth, Stucco, etc.) | (9) Concrete Floors |
| (4) Metal - Aluminum, Galvanized | (10) Wood Floors |
| (5) Metal - (Galvanized: Ceilings, Ductwork) | (11) Specialty Primer |
| (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall | |

P,S,U= Primer, Sealer, Undercoater

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen

INDIANA Compliant Exterior Coatings			updated 03/01/21
SUBSTRATE	PRODUCTS	INDIANA CATEGORY	PRODUCT VOCs†
1,3,4,6,7,13	A-100® Exterior Latex, A6 Series	FLAT	<50 g/L
1,3,4,6,7,13	Duration® Exterior Acrylic Flat, K32 Series	FLAT	<50 g/L
1,3,4,6,7,13	Emerald Exterior Flat, K47 Series	FLAT	<50 g/L
1,3,4,6,7,13	Emerald™ Rain Refresh™ Exterior Flat, K47-1900 Series	FLAT	<50 g/L
1,3,4,6,7,13	Latitude™ Exterior Latex Flat, K60 Series	FLAT	<50 g/L
1,3,7	Loxon® Self-Cleaning Acrylic Coating Flat, LX13 Series	FLAT	<50 g/L
1,3,4,6,7,13	Resilience™ Latex Flat, K42 Series	FLAT	<50 g/L
1,3,4,6,7,13	SuperPaint® Exterior Flat, A80 Series	FLAT	<50 g/L
1,3,4,6,7,13	Solo Interior/Exterior Flat, A74 Series	FLAT	<50 g/L
9,10	Porch & Floor Enamel, A32 Series	FLOOR	<50 g/L
7	WoodScapes® Exterior Semi-Transparent Stain, A15T5	LOW SOLIDS	<100 g/L
1,3,4,6,7,13	A-100 Exterior Latex Satin, A82 & Gloss, A8 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Duration Exterior Low Lustre, K30, Satin, K33 & Gloss K34 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Emerald Exterior Satin, K48-50 & Gloss K49 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Emerald™ Rain Refresh™ Exterior Satin & Gloss K48 & K49-1900 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Latitude™ Exterior Latex Satin, & Gloss K62 & K64 Series	NON-FLAT	<50 g/L
1,3,7	Loxon® Self-Cleaning Acrylic Coating Satin, LX14 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Resilience™ Latex Satin, K43 & Gloss, K44 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Solo Interior/Exterior Eg-Shel, Satin, Semi-Gloss & Gloss, A75, A73, A76 & A77 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	SuperPaint® Exterior Low Lustre, Satin & Gloss, A78, A89 & A84 Series	NON-FLAT	<50 g/L
1,3	ConFlex Block Filler, CF01W0050	P,S,U	<50 g/L
7	Exterior Latex Primer, B42-Series	P,S,U	<100 g/L
1,3	Loxon Block Surfacer, LX01 Series	P,S,U	<100 g/L
1,3	Loxon Concrete & Masonry Primer, LX02 Series	P,S,U	<50 g/L
1,3	Loxon Acrylic Conditioner, LX03 Series	P,S,U	<50 g/L
1,2,4,5,7,8,13	Multi-Purpose Latex Primer, B51-450 Series	P,S,U	<50 g/L
1,2,4,5,7,8	PrepRite® ProBlock® Latex Primer Sealer, B51-620 Series	P,S,U	<50 g/L
7	Exterior Stain Blocking Primer, Y24W8020	SPECIALTY PRIMER	<350 g/L
7,10	SuperDeck® Exterior Waterborne Solid Deck Stain SD7 Series	STAIN	<100 g/L
7,10	SuperDeck® Exterior Waterborne Semi-Transparent Stain SD3T Series	STAIN	<50 g/L
7,10	SuperDeck® Exterior Semi-Transparent Stain, SD4 Series	STAIN	<250 g/L
7,10	SuperDeck® Exterior Transparent Stain SD2- Series	STAIN	<250 g/L
7	WoodScapes® Exterior Waterborne Solid Color Stain, A15 Series	STAIN	<100 g/L
1,3	Loxon Vertical Concrete Stain, LX31 Series	STAIN	<50 g/L
12	Pro-Park™ Waterborne Traffic Marking B97 Series	TRAFFIC MARKING	<50 g/L
12	SetFast Acrylic Zone Marking TM2160, TM2161	TRAFFIC MARKING	<100 g/L
12	SetFast Acrylic Waterborne Traffic Marking, TM226, TM227	TRAFFIC MARKING	<100 g/L
1,3	ConFlex XL Elastomeric High Build Coating, CF11 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	ConFlex XL Textured Elastomeric HB Coating, CF12 Series	WATERPROOFING Concrete/Masonry Sealers	<100 g/L
1,3	ConFlex 7% Siloxane Water Repellant, CF31T7	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	Loxon® XP Waterproofing System, LX11 & LX21 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	ConFlex UltraCrete Solvent Borne Smooth & Textured Masonry Waterproofing, CF18 Series	WATERPROOFING Concrete/Masonry Sealers	<400 g/L
1,3	ConFlex® Flexible Concrete Waterproofer, CF14 & CF15 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	ConFlex Sherlastic® Elastomeric Coating, CF16 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L

Substrate Key: Refer to data page for appropriate primer requirements

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|--|----------------------------|
| (1) Concrete - Poured, Precast, Tilt-Up Cast-In-Place, Cement Board Including Plaster | (7) Wood |
| (2) Concrete - Ceilings | (8) Drywall |
| (3) Masonry - (CMU - Concrete, Split Face, Scored, Smooth, Stucco, etc.) | (9) Concrete Floors |
| (4) Metal - Aluminum, Galvanized | (10) Wood Floors |
| (5) Metal - (Galvanized: Ceilings, Ductwork) | (11) Specialty Primer |
| (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall | (12) Zone Marking Exterior |
| | (13) Vinyl, EIFS |

P,S,U= Primer, Sealer, Undercoater †Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen

Utah VOC Rules

This information is only a guide and is not all-inclusive of all VOC regulations

updated 03/01/21

UTAH COATING CATEGORY	UTAH VOC CONTENT LIMIT
Flat Coatings	50 g/L
Non-Flat Coatings	100 g/L
Non-Flat – High Gloss Coatings	150 g/L
Concrete/Masonry Sealer	100 g/L
Dry Fog Coatings	150 g/L
Faux Finishing Coatings	350 g/L
Floor Coatings	100 g/L
High-Temperature Coatings	420 g/L
Industrial Maintenance Coatings	250 g/L
Low-Solids Coatings	120 g/L* (1)
Multi-Color Coatings	250 g/L
Pre-Treatment Wash Primers	420 g/L
Primers, Sealers, and Undercoaters	100 g/L
Rust Preventive Coatings	250 g/L
Shellacs: Clear	730 g/L
Shellacs: Opaque	550 g/L
Specialty Primers, Sealers, and Undercoaters	100 g/L
Stains	250 g/L
Traffic Marking Coatings	100 g/L
Wood Coating	275 g/L
Wood Preservatives	350 g/L

(1) “Low-solids coating” means a coating containing twelve-hundredths (0.12) kilogram or less of solids per liter (one (1) pound or less of solids per gallon) of coating material.

Utah New VOC (Volatile Organic Compounds) regulations for paints went into effect on **01/01/15** in these counties of Utah (**Box Elder, Cache, Davis, Salt Lake, Tooele, Utah, and Weber counties**). Under the new regulations, lower VOC limits will be in effect for coatings categories, such as flats, non-flats, primers, stains, varnishes and industrial maintenance coatings. All coatings sold, specified for use or used within the regulated areas must comply with these VOC limits.

For additional information on the new VOC regulations, contact your Sherwin-Williams sales representative or local store manager or visit the Utah website at: <https://rules.utah.gov/publicat/code/r307/r307-361.htm#T5>

Utah Compliant Interior Industrial Maintenance Floor Coatings				updated 03/01/21
SUBSTRATE	PRODUCTS	INTERIOR/ EXTERIOR	UTAH CATEGORY	PRODUCT VOCs†
9	ArmorSeal® 33 Epoxy Primer/Sealer B58AQ33 Series	INT	INDUSTRIAL MAINTENANCE	<50 g/L
9	ArmorSeal® 650 SL/RC Self-Leveling Epoxy B58Q650 Series	INT	INDUSTRIAL MAINTENANCE	<100 g/L
9	ArmorSeal® ArmorQuartz System, B58Q650 Series	INT	INDUSTRIAL MAINTENANCE	<100 g/L
9	ArmorSeal® 8100 Water Based Epoxy B70-8100 Series	INT	INDUSTRIAL MAINTENANCE	<50 g/L
9	ArmorSeal® HS Polyurethane, B65-220 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<250 g/L
9,10	ArmorSeal® Tread-Plex™ Floor Finish B90 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
9	ArmorSeal® Waterbased Epoxy Primer/Sealer Clear B70VQ10	INT	INDUSTRIAL MAINTENANCE	<250 g/L

Substrate Key: Refer to data page for appropriate primer requirements

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|--|----------------------------|
| (1) Concrete - Poured, Precast, Tilt-Up Cast-In-Place, Cement Board Including Plaster | (7) Wood |
| (2) Concrete - Ceilings | (8) Drywall |
| (3) Masonry - (CMU - Concrete, Split Face, Scored, Smooth, Stucco, etc.) | (9) Concrete Floors |
| (4) Metal - Aluminum, Galvanized | (10) Wood Floors |
| (5) Metal - (Galvanized: Ceilings, Ductwork) | (11) Specialty Primer |
| (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall | (12) Zone Marking Exterior |

“Industrial maintenance coating” means a high performance architectural coating, including primers, sealers, undercoaters, intermediate coats, and topcoats, formulated for application to substrates, including floors exposed to one or more of the following extreme environmental conditions:

- (1) Immersion in water, wastewater, or chemical solutions (aqueous and non-aqueous solutions), or chronic exposure of interior surfaces to moisture condensation;
- (2) Acute or chronic exposure to corrosive, caustic or acidic agents, or to chemicals, chemical fumes, or chemical mixtures or solutions;
- (3) Frequent exposure to temperatures above 121 degrees Celsius (250 degrees Fahrenheit);
- (4) Frequent heavy abrasion, including mechanical wear and frequent scrubbing with industrial solvents, cleansers, or scouring agents; or
- (5) Exterior exposure of metal structures and structural components.

P,S,U= Primer, Sealer, Undercoater

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and she

Utah Compliant Industrial Maintenance Coatings				updated 03/01/21
SUBSTRATE	PRODUCTS	INTERIOR/ EXTERIOR	UTAH CATEGORY	PRODUCT VOCs†
4,5,6	Bond-Plex Waterbased Acrylic, B71W211&T204	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,3	Cement-Plex® 875, B42W200	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
4,5	DTM Wash Primer B71Y1	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,3,4,6,7,8	Macropoxy® 646 Fast Cure B58-600 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<250 g/L
1,3,4,6,7,8	Macropoxy® 646-100 Fast Cure B58-620 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,3,4,6,7,8	Metalatex® Semi-Gloss Coating B42 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,2,3,4,5,6,8	Pro Industrial Acrylic Coating, B66-600/1660 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,2,3,4,5,6,8	Pro Industrial™ DTM Acrylic Coating, B66-1000 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
4,5,6	Pro Industrial DTM Primer/Finish B66-11 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3	Pro Industrial Heavy Duty Block Filler, B42W150	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,2,3,4,6,7,8	Pro Industrial™ Multi-Surface Acrylic, B66-1500 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,7,8	Pro Industrial™ Pre-Catalyzed W/B Epoxy Eg-Shel & Semi-Gloss, K45 & K46 Series	INT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,7,8	Pro Industrial™ Pre-Catalyzed W/B Urethane, B65-1100 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
4,5,6	Pro Industrial™ Pro-Cryl® Universal Primer Off White, Grey & Red Oxide B66-1300 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,8	Pro Industrial Water Based Acrolon 100, B65-720 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,2,3,4,5,6,8	Pro Industrial Water Based Catalyzed Epoxy, B73-300 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,7,8	Pro Industrial Waterbased Alkyd Urethane B53 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,7,8	Water Based Catalyzed Epoxy B70 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<200 g/L

Substrate Key: Refer to data page for appropriate primer requirements

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|--|----------------------------|
| (1) Concrete - Poured, Precast, Tilt-Up Cast-In-Place, Cement Board Including Plaster | (7) Wood |
| (2) Concrete - Ceilings | (8) Drywall |
| (3) Masonry - (CMU - Concrete, Split Face, Scored, Smooth, Stucco, etc.) | (9) Concrete Floors |
| (4) Metal - Aluminum, Galvanized | (10) Wood Floors |
| (5) Metal - (Galvanized: Ceilings, Ductwork) | (11) Specialty Primer |
| (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall | (12) Zone Marking Exterior |

“Industrial maintenance coating” means a high performance architectural coating, including primers, sealers, undercoaters, intermediate coats, and topcoats, formulated for application to substrates, including floors exposed to one or more of the following extreme environmental conditions:

- (1) Immersion in water, wastewater, or chemical solutions (aqueous and non-aqueous solutions), or chronic exposure of interior surfaces to moisture condensation;
- (2) Acute or chronic exposure to corrosive, caustic or acidic agents, or to chemicals, chemical fumes, or chemical mixtures or solutions;
- (3) Frequent exposure to temperatures above 121 degrees Celsius (250 degrees Fahrenheit);
- (4) Frequent heavy abrasion, including mechanical wear and frequent scrubbing with industrial solvents, cleansers, or scouring agents; or
- (5) Exterior exposure of metal structures and structural components.

P,S,U= Primer, Sealer, Undercoater

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen

Utah Compliant Interior Coatings			updated 03/01/21
SUBSTRATE	PRODUCTS	UTAH CATEGORY	PRODUCT VOCs†
1,2,4,5,6	Pro Industrial Waterbased DryFall Flat, B42W181, B42T81 & B42B81	DRY FOG	<50 g/L
1,2,4,5,6	Pro Industrial Waterbased DryFall Eg-Shel, B42W182, B42W82 & Semi-Gloss B42W83	DRY FOG	<50 g/L
1,3,7,8	Builders Solution™ Interior Latex Flat, A61 Series & Matte, A64 Series	FLAT	<50 g/L
1,3,7,8	Cashmere Interior Acrylic Flat Enamel, D16-150 Series	FLAT	<50 g/L
1,3,7,8	Duration Home® Interior Latex Flat & Matte, A95 & A96 Series	FLAT	<50 g/L
1,3,7,8	EcoSelect Interior Flat, A21 Series	FLAT	<50 g/L
1,3,7,8	Emerald® Designer Edition™ Interior Flat K25 Series	FLAT	<50 g/L
1,3,7,8	Emerald Interior Flat & Matte, K35 & K36 Series	FLAT	<50 g/L
1,3,7,8	Harmony Interior Latex Flat, B5 Series	FLAT	<50 g/L
1,3,7,8	ProMar® 200 Zero VOC Latex Flat B30-2600/12600, Low Sheen B24-2600 & Low Gloss B41-2600 Series	FLAT	<50 g/L
1,3,7,8	ProMar® 400 Zero VOC Interior Latex Flat, B30-4600, Low Sheen, B24-4600 Series	FLAT	<50 g/L
1,3,7,8	Property Solution™ Interior Flat, B30W3050	FLAT	<50 g/L
1,3,7,8	Solo Interior/Exterior Flat, A74 Series	FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior with Air Purifying Technology¹ Flat A86-60 Series	FLAT	<50 g/L
1,3,7,8	SuperPaint Interior Flat & Velvet, A86-1150 & A94-150 Series	FLAT	<50 g/L
1,3,7,8	Cashmere Interior Acrylic Low Lustre, Eg-Shel, Pearl & Medium Lustre, D17, D19, D15 & D18-150 Series	NON-FLAT	<50 g/L
1,3,7,8	Duration Home Latex Satin & Semi-Gloss, A97 & A98 Series	NON-FLAT	<50 g/L
1,3,8	EcoSelect Interior Eg-Shel & Semi-Gloss, A22 & A20 Series	NON-FLAT	<50 g/L
1,3,7,8	Emerald® Designer Edition™ Interior Eg-Shel, Satin & Gloss K26,K27 & K29 Series	NON-FLAT	<50 g/L
1,3,7,8	Emerald Interior Satin & Semi-Gloss, K37 & K38 Series	NON-FLAT	<50 g/L
1,3,7,8	Emerald® Urethane Trim Enamel, Satin, Semi-Gloss & Gloss K36, K37 & K38 Series	NON-FLAT	<50 g/L
1,3,7,8	Harmony Latex Eg-Shel & Semi-Gloss, B9 & B10 Series	NON-FLAT	<50 g/L
1,3,4,6,7,8	ProClassic™ Interior Waterbased Acrylic-Alkyd Satin, B33 & Semi-Gloss, B34 Series	NON-FLAT	<50 g/L
1,3,4,6,7,8	ProClassic® Waterborne Acrylic Satin, Semi-Gloss, B20 & B31 Series	NON-FLAT	<50 g/L
1,3,7,8	ProMar® 200 HP Zero VOC Latex Low Gloss Eg-Shel, Eg-Shel & S/G B41, B20 & B31-1950 Series	NON-FLAT	<50 g/L
1,3,7,8	ProMar® 200 Zero VOC Latex Eg-Shel, B20-2600,12600 & Semi-Gloss & Gloss B31-2600, B21-12650 Series	NON-FLAT	<50 g/L
1,3,7,8	ProMar® 200 Interior Waterbased Acrylic-Alkyd Eg-Shel/Semi-Gloss/Gloss B33-8251, B34-8251& B35-8251	NON-FLAT	<100 g/L
1,3,7,8	ProMar® 400 Zero VOC Latex Eg-Shel B20-4600, Semi-Gloss & Gloss, B31-4600 & B21-4650 Series	NON-FLAT	<50 g/L
1,3,7,8	Property Solution™ Interior Eg-Shel, B20W3050 & Semi-Gloss, B31W3060	NON-FLAT	<50 g/L
1,3,7,8	Solo Interior/Exterior Eg-Shel, Satin, Semi-Gloss & Gloss, A75,A73, A76 & A77 Series	NON-FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior with Air Purifying Technology¹ Satin & Semi-Gloss A87 & A88-60 Series	NON-FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior Satin, A87-1150/1250 & Semi-Gloss A88-1150 Series	NON-FLAT	<50 g/L
1,3	ConFlex Block Filler, CF01W0050	P,S,U	<50 g/L
11	Extreme Block Interior Exterior Primer, B51-100 Series	P,S,U	<50 g/L
11	Extreme Bond Interior Exterior Bonding Primer, B51 Series	P,S,U	<50 g/L
8	Harmony Interior Latex Primer, B11	P,S,U	<50 g/L
1,3	Loxon® Acrylic Block Surfacer, LX01 Series	P,S,U	<100 g/L
1,2,3	Loxon® Concrete & Masonry Primer, LX02 Series	P,S,U	<50 g/L
1,2,3	Loxon® Acrylic Conditioner LX03 Series	P,S,U	<50 g/L
1,2,4,5,7,8	Multi-Purpose Latex Primer, B51-450 Series	P,S,U	<50 g/L
7,8	Multi-Purpose Waterbased Acrylic-Alkyd Primer, B79W450	P,S,U	<50 g/L
1,2,4,5,7,8	PrepRite® ProBlock® Latex Primer Sealer, B51-620 Series	P,S,U	<50 g/L
7,8	Premium Wall & Wood Primer, B28W8111	P,S,U	<50 g/L
8	ProMar® 200 Zero VOC Latex Primer, B28W2600, ProMar® 400 Zero VOC Latex Primer, B28W4600	P,S,U	<50 g/L
7,8	White Pigmented Shellac Primer, B49W8150	SHELLAC OPAQUE	<550 g/L
7	Minwax® Performance Series Tintable Wood Stains 250 VOC	INTERIOR STAIN	<250 g/L

Substrate Key: Refer to data page for appropriate primer requirements

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|--|-----------------------|
| (1) Concrete - Poured, Precast, Tilt-Up Cast-In-Place, Cement Board Including Plaster | (7) Wood |
| (2) Concrete - Ceilings | (8) Drywall |
| (3) Masonry - (CMU - Concrete, Split Face, Scored, Smooth, Stucco, etc.) | (9) Concrete Floors |
| (4) Metal - Aluminum, Galvanized | (10) Wood Floors |
| (5) Metal - (Galvanized: Ceilings, Ductwork) | (11) Specialty Primer |
| (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall | |

P,S,U= Primer, Sealer, Undercoater

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen

Utah Compliant Exterior Coatings			updated 03/01/21
SUBSTRATE	PRODUCTS	UTAH CATEGORY	PRODUCT VOCs†
1,3	ConFlex XL Elastomeric High Build Coating, CF11 Series	CONCRETE/MASONRY SEALER	<50 g/L
1,3	ConFlex XL Textured Elastomeric HB Coating, CF12 Series	CONCRETE/MASONRY SEALER	<100 g/L
1,3	ConFlex 7% Siloxane Water Repellent, CF31T7	CONCRETE/MASONRY SEALER	<50 g/L
1,3	Loxon® XP Waterproofing System, LX11 & LX21 Series	CONCRETE/MASONRY SEALER	<50 g/L
1,3	ConFlex® Flexible Concrete Waterproofer, CF14 & CF15 Series	CONCRETE/MASONRY SEALER	<50 g/L
1,3	ConFlex Sherlastic® Elastomeric Coating, CF16 Series	CONCRETE/MASONRY SEALER	<50 g/L
1,3,4,6,7,13	A-100® Exterior Latex, A6 Series	FLAT	<50 g/L
1,3,4,6,7,13	Duration® Exterior Acrylic Flat, K32 Series	FLAT	<50 g/L
1,3,4,6,7,13	Emerald Exterior Flat, K47 Series	FLAT	<50 g/L
1,3,4,6,7,13	Emerald™ Rain Refresh™ Exterior Flat, K47-1900 Series	FLAT	<50 g/L
1,3,4,6,7,13	Latitude™ Exterior Latex Flat, K60 Series	FLAT	<50 g/L
1,3,7	Loxon® Self-Cleaning Acrylic Coating Flat, LX13 Series	FLAT	<50 g/L
1,3,4,6,7,13	Resilience™ Latex Flat, K42 Series	FLAT	<50 g/L
1,3,4,6,7,13	SuperPaint® Exterior Flat, A80 Series	FLAT	<50 g/L
1,3,4,6,7,13	Solo Interior/Exterior Flat, A74 Series	FLAT	<50 g/L
9,10	Porch & Floor Enamel, A32 Series	FLOOR	<50 g/L
7	WoodScapes® Exterior Semi-Transparent Stain, A15T5	LOW SOLIDS	<100 g/L
1,3,4,6,7,13	A-100 Exterior Latex Satin, A82 & Gloss, A8 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Duration Exterior Low Lustre, K30, Satin, K33 & Gloss K34 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Emerald Exterior Satin, K48-50 & Gloss K49 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Emerald™ Rain Refresh™ Exterior Satin & Gloss K48 & K49-1900 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Latitude™ Exterior Latex Satin, & Gloss K62 & K64 Series	NON-FLAT	<50 g/L
1,3,7	Loxon® Self-Cleaning Acrylic Coating Satin, LX14 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Resilience™ Latex Satin, K43 & Gloss, K44 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Solo Interior/Exterior Eg-Shel, Satin, Semi-Gloss & Gloss, A75, A73, A76 & A77 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	SuperPaint® Exterior Low Lustre, Satin & Gloss, A78, A89 & A84 Series	NON-FLAT	<50 g/L
1,3	ConFlex Block Filler, CF01W0050	P,S,U	<50 g/L
7	Exterior Latex Wood Primer, B42-Series	P,S,U	<100 g/L
1,3	Loxon® Acrylic Block Surfacers, LX01 Series	P,S,U	<100 g/L
1,3	Loxon Concrete & Masonry Primer, LX02 Series	P,S,U	<50 g/L
1,3	Loxon Acrylic Conditioner, LX03 Series	P,S,U	<100 g/L
1,2,4,5,7,8,13	Multi-Purpose Latex Primer, B51-450 Series	P,S,U	<50 g/L
1,2,4,5,7,8	PrepRite® ProBlock® Latex Primer Sealer, B51-620 Series	P,S,U	<50 g/L
11	PrimeRx™ Peel Bonding Primer, B51T600	P,S,U	<50 g/L
7,10	SuperDeck® Exterior Waterborne Solid Deck Stain SD7 Series	STAIN	<100 g/L
7,10	SuperDeck® Exterior Waterborne Semi-Transparent Stain SD3T Series	STAIN	<50 g/L
7,10	SuperDeck® Exterior Semi-Transparent Stain, SD4 Series	STAIN	<250 g/L
7,10	SuperDeck® Exterior Transparent Stain SD2- Series	STAIN	<250 g/L
7	WoodScapes® Exterior Waterborne Solid Color Stain, A15 Series	STAIN	<100 g/L
1,3	Loxon Vertical Concrete Stain, LX31 Series	STAIN	<50 g/L
12	Pro-Park™ Waterborne Traffic Marking B97 Series	TRAFFIC MARKING	<50 g/L
12	SetFast Acrylic Zone Marking TM2160, TM2161	TRAFFIC MARKING	<100 g/L
12	SetFast Acrylic Waterborne Traffic Marking, TM226, TM227	TRAFFIC MARKING	<100 g/L

Substrate Key: Refer to data page for appropriate primer requirements

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|--|----------------------------|
| (1) Concrete - Poured, Precast, Tilt-Up Cast-In-Place, Cement Board Including Plaster | (7) Wood |
| (2) Concrete - Ceilings | (8) Drywall |
| (3) Masonry - (CMU - Concrete, Split Face, Scored, Smooth, Stucco, etc.) | (9) Concrete Floors |
| (4) Metal - Aluminum, Galvanized | (10) Wood Floors |
| (5) Metal - (Galvanized: Ceilings, Ductwork) | (11) Specialty Primer |
| (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall | (12) Zone Marking Exterior |
| | (13) Vinyl, EIFS |

P,S,U= Primer, Sealer, Undercoater

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen

CANADA VOC Rules

updated 03/01/21

This information is only a guide and is not all-inclusive of all VOC regulations amended 6/17/19

CANADA COATING CATEGORY	CANADA VOC CONTENT LIMIT
Flat Coatings	100 g/L
Non-Flat Coatings	150 g/L
Non-Flat – High Gloss Coatings	250 g/L
Dry Fog Coatings	400 g/L
Faux Finishing Coatings	350 g/L
Floor Enamel High Gloss & Floor Coatings Opaque	250 g/L
High-Temperature Coatings	420 g/L
Industrial Maintenance Coatings	340 g/L
Low-Solids Coatings	120 g/L* (1)
Multi-Color Coatings	250 g/L
Pre-Treatment Wash Primers	420 g/L
Any other Primer, Sealer, and Undercoater	200 g/L
Quick-Dry Enamels-High Gloss	250 g/L
Rust Preventive Coatings	400 g/L
Shellacs	
Clear	730 g/L
Opaque	550 g/L
Specialty Primers	350 g/L
Stains Interior Wiping	250 g/L
Stains Exterior Wood	250 g/L
Traffic Marking Coatings [^] Restricted to 150 g/L VOC from May 1st-Oct 15	150 g/L / 450 [^] g/L
Varnishes Conversion	725 g/L
Varnishes any other (Clear & S-T)	350 g/L
Waterproofing Concrete/Masonry Sealers	400 g/L

Canada enacted VOC (Volatile Organic Compounds) regulations for paints that went into effect on 9/9/10 (amended 6/17/2019). For additional information on the new VOC regulations, contact your Sherwin-Williams sales representative or local store manager.

[^] A person must not use, during the period beginning on May 1 and ending on October 15, any traffic marking coating in which the VOC concentration exceeds 150 g/L.

* (1) Low solids coating, containing 0.12 kg or less of solids per litre of coating

Canada Compliant Interior Industrial Maintenance Floor Coatings			updated 03/01/21
SUBSTRATE	PRODUCTS	CANADA CATEGORY	PRODUCT VOCs†
9	ArmorSeal® 1000 HS Epoxy B67-2000 Series (colors)	INDUSTRIAL MAINTENANCE	<340 g/L
9	ArmorSeal® 33 Epoxy Primer/Sealer B58AQ33 Series	INDUSTRIAL MAINTENANCE	<50 g/L
9	ArmorSeal® 650 SL/RC Self-Leveling Epoxy B58Q650 Series	INDUSTRIAL MAINTENANCE	<100 g/L
9	ArmorSeal® ArmorQuartz System, B58Q650 Series	INDUSTRIAL MAINTENANCE	<100 g/L
9	ArmorSeal® Crack Filler, B58AQ2	INDUSTRIAL MAINTENANCE	<50 g/L
9	ArmorSeal® Expresspatch™, B58Q5 Series	INDUSTRIAL MAINTENANCE	<50 g/L
9	ArmorSeal® Flexible Joint Sealant, B58AQ1	INDUSTRIAL MAINTENANCE	<100 g/L
9	ArmorSeal® 8100 Water Based Epoxy B70-8100 Series	INDUSTRIAL MAINTENANCE	<50 g/L
9	ArmorSeal® HS Polyurethane, B65-220 Series	INDUSTRIAL MAINTENANCE	<250 g/L
9,10	ArmorSeal® Rexthane™ I MCU B65-60 Series	INDUSTRIAL MAINTENANCE	<340 g/L
9,10	ArmorSeal® Tread-Plex™ Floor Finish B90 Series	INDUSTRIAL MAINTENANCE	<100 g/L
9	ArmorSeal® Waterbased Epoxy Primer/Sealer Clear B70VQ10	INDUSTRIAL MAINTENANCE	<250 g/L

Substrate Key:

Refer to data page for appropriate primer requirements

- (1) Concrete - Poured, Precast, Tilt-Up, Cast-In-Place, Cement Board Including Plaster
- (2) Concrete - Ceilings
- (3) Masonry - (CMU - Concrete, Split Face, Scored, Smooth, Stucco, etc.)
- (4) Metal - Aluminum, Galvanized
- (5) Metal - (Galvanized: Ceilings, Ductwork)
- (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall (interior)
- (7) Wood
- (8) Drywall
- (9) Concrete Floors
- (10) Wood Floors
- (11) Specialty Primer
- (12) Zone Marking Exterior

Canada enacted VOC (Volatile Organic Compounds) regulations for paints that went into effect on 9/9/10 (amended 6/17/2019). For additional information on the new VOC regulations, contact your Sherwin-Williams sales representative or local store manager.

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406 and SOR/2009-264,s.12). VOCs may vary by base and sheen

CANADA Compliant Industrial Maintenance Coatings				updated 03/01/21
SUBSTRATE	PRODUCTS	INTERIOR/ EXTERIOR	CANADA CATEGORY	PRODUCT VOCs†
4,6	Acrolon™ 218 HS Polyurethane, B65-600 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
4,5,6	Bond-Plex Waterbased Acrylic, B71W211 & B71T204	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
4,5,6	Bond-Plex Waterbased Acrylic, B71S200	INT/EXT	INDUSTRIAL MAINTENANCE	<200 g/L
1,3	Cement-Plex® 875, B42W200	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
6	Corothane® I GalvaPac Zinc Primer B65G10/B69D210	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
5,6	Corothane® I HS Aliphatic B65-50 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
5,6	Corothane® I MIO-Aluminum, B65S14	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
4,5	DTM Wash Primer B71Y1	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,3,4,6,7,8	Hi-Solids Catalyzed Epoxy, B62-200 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
4,6	Hi-Solids Polyurethane, B65-300 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
6	Kem Bond HS Primer B50Z Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
1,3	Kem Cati-Coat HS Epoxy Filler/Sealer, B42W400	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
1,3,4,6,7,8	Macropoxy® 646 Fast Cure B58-600 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<250 g/L
1,3,4,6,7,8	Macropoxy® HS Epoxy B58-400 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
1,3,4,6,7,8	Metalatex® Semi-Gloss Coating B42 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,2,3,4,5,6,8	Pro Industrial Acrylic Coating, B66-600/1660 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,2,3,4,5,6,8	Pro Industrial DTM Acrylic Coating, B66-1000	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
4,5,6	Pro Industrial DTM Primer/Finish B66-11 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3	Pro Industrial Heavy Duty Block Filler, B42W150	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,7,8	Pro Industrial Multi-Surface Acrylic, B66-1500 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,7,8	Pro Industrial™ Pre-Catalyzed Water Based Epoxy Eg-Shel & Semi-Gloss, K45 & K46 Series	INT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,7,8	Pro Industrial™ Pre-Catalyzed Water Based Urethane, B65-1100 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
4,5,6	Pro Industrial™ Pro-Cryl® Universal Primer Off White, Grey & Red Oxide B66-1300 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,8	Pro Industrial Water Based Acrolon 100, B65-720 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,3,4,6,7,8	Pro Industrial Water Based Catalyzed Epoxy, B73-300 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,7,8	Pro Industrial Waterbased Alkyd Urethane B53 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
6	Recoatable Epoxy Primer, B67-5 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
1,3,4,6,7,8	Water Based Catalyzed Epoxy B70 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<200 g/L

Substrate Key: Refer to data page for appropriate primer requirements

- | | |
|--|----------------------------|
| (1) Concrete - Poured, Precast, Tilt-Up Cast-In-Place, Cement Board Including Plaster | (7) Wood |
| (2) Concrete - Ceilings | (8) Drywall |
| (3) Masonry - (CMU - Concrete, Split Face, Scored, Smooth, Stucco, etc.) | (9) Concrete Floors |
| (4) Metal - Aluminum, Galvanized | (10) Wood Floors |
| (5) Metal - (Galvanized: Ceilings, Ductwork) | (11) Specialty Primer |
| (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall | (12) Zone Marking Exterior |

***Industrial maintenance coating** means an architectural coating for application to substrates exposed to any of the following conditions:

- immersion in water, wastewater or chemical solutions or chronic exposure of interior surfaces to moisture condensation;
- acute or chronic exposure to corrosive, caustic or acidic agents or to chemicals, chemical fumes or chemical mixtures or solutions;
- repeated exposure to temperatures above 121°C;
- repeated, frequent, heavy abrasion, including mechanical wear and scrubbing with industrial solvents, cleansers or scouring agents; or
- exterior exposure of metal structures and structural components.

P,S,U= Primer, Sealer, Undercoater

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406 and SOR/2009-264,s.12). VOCs may vary by base and sheen

CANADA Compliant Interior Coatings			updated 03/01/21
SUBSTRATE	PRODUCTS	CANADA CATEGORY	PRODUCT VOCs†
1,2,4,5,6	Dry Fall Flat, B48W60	DRY FOG	<375 g/L
1,2,4,5,6	Pro Industrial Waterbased DryFall Flat, B42W181, B42T81 & B42B81	DRY FOG	<50 g/L
1,2,4,5,6	Pro Industrial Waterbased DryFall Eg-Shel, B42W182, B42W82 & Semi-Gloss B42W83	DRY FOG	<50 g/L
1,2,4,5,6	Super Save-Lite® Dryfall, Semi-Gloss, B47W62	DRY FOG	<375 g/L
1,3,7,8	Duration Home® Interior Latex Flat & Matte, A95 & A96 Series	FLAT	<50 g/L
1,3,7,8	EcoSelect Interior Flat, A21 Series	FLAT	<50 g/L
1,3,7,8	Emerald® Designer Edition™ Interior Flat K25 Series	FLAT	<50 g/L
1,3,7,8	Emerald Interior Flat & Matte, K35 & K36 Series	FLAT	<50 g/L
1,3,7,8	Harmony Interior Latex Flat, B5 Series	FLAT	<50 g/L
1,3,7,8	Opulence Interior Acrylic Matte Enamel, D16-8151 Series	FLAT	<50 g/L
1,3,7,8	ProMar® 200 Zero VOC Latex Flat B30-2600/12600, Low Sheen B24-2600 & Low Gloss B41-2600 Series	FLAT	<50 g/L
1,3,7,8	ProMar® 400 Zero VOC Interior Latex Flat, B30-4600, Low Sheen, B24-4600 Series	FLAT	<50 g/L
1,3,7,8	Quali-kote Flat, Satin & Low Sheen, B30 & B20 Series	FLAT	<100 g/L
1,3,7,8	Solo Interior/Exterior Flat, A74 Series	FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior with Air Purifying Technology¹ Flat A86-60 Series	FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior Flat, A86 Series	FLAT	<50 g/L
1,2,3,4,5,6,8	AllSurface Enamel HP Acrylic Gloss, Semi-Gloss, & Satin, A41, A42 & A43 Series	NON-FLAT	<50 g/L
1,3,7,8	Duration Home Latex Satin & Semi-Gloss, A97 & A98 Series	NON-FLAT	<50 g/L
1,3,7,8	Harmony Latex Eg-Shel & Semi-Gloss, B9 & B10 Series	NON-FLAT	<50 g/L
1,3,8	EcoSelect Interior Eg-Shel & Semi-Gloss, A22 & A20 Series	NON-FLAT	<50 g/L
1,3,7,8	Emerald® Designer Edition™ Interior Eg-Shel, Satin & Gloss K26,K27 & K29 Series	NON-FLAT	<50 g/L
1,3,7,8	Emerald Interior Satin & Semi-Gloss, K37 & K38 Series	NON-FLAT	<50 g/L
1,3,7,8	Emerald® Urethane Trim Enamel, Satin, Semi-Gloss & Gloss K36, K37 & K38 Series	NON-FLAT	<50 g/L
1,3,7,8	Opulence Interior Acrylic Eg-Shel, Low Sheen, Pearl & Semi-Gloss, D17, D19, D15 & D18 Series	NON-FLAT	<50 g/L
1,3,4,6,7,8	ProClassic™ Interior Waterbased Acrylic-Alkyd Satin, B33 & Semi-Gloss, B34 Series	NON-FLAT	<50 g/L
1,3,4,6,7,8	ProClassic® Waterborne Acrylic Satin, Semi-Gloss, B20 & B31 Series	NON-FLAT	<50 g/L
1,3,7,8	ProMar® 200 HP Zero VOC Latex Low Gloss Eg-Shel, Eg-Shel & S/G B41, B20 & B31-1950 Series	NON-FLAT	<50 g/L
1,3,7,8	ProMar® 200 Zero VOC Latex Eg-Shel, B20-2600, 12600 & Semi-Gloss & Gloss B31-2600, B21-12650 Series	NON-FLAT	<50 g/L
1,3,7,8	ProMar® 400 Zero VOC Latex Eg-Shel B20-4600, Semi-Gloss & Gloss B31-4600 & B21-4650 Series	NON-FLAT	<50 g/L
1,3,7,8	Quali-kote Interior Latex Eg-Shel, B20, Pearl B31 & Semi-Gloss, A26	NON-FLAT	<150 g/L
1,3,7,8	Solo Interior/Exterior Eg-Shel, Satin, Semi-Gloss & Gloss, A75,A73, A76 & A77 Series	NON-FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior with Air Purifying Technology¹ Satin & Semi-Gloss A87 & A88-60 Series	NON-FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior Satin & Semi-Gloss A87 & A88 Series	NON-FLAT	<50 g/L
1,3	ConFlex Block Filler, CF01W0050	P,S,U	<50 g/L
8	CoverMax Interior Latex Primer, B28WQ8006	P,S,U	<50 g/L
11	Extreme Block Interior Exterior Primer, B51-100 Series	P,S,U	<50 g/L
11	Extreme Bond Interior Exterior Bonding Primer, B51 Series	P,S,U	<50 g/L
8	Harmony Interior Latex Primer, B11	P,S,U	<50 g/L
1,2,3	Loxon® Concrete & Masonry Primer, LX02WQ050	P,S,U	<50 g/L
1,2,3	Loxon® Acrylic Conditioner LX03 Series	P,S,U	<50 g/L
1,2,4,5,7,8	Multi-Purpose Latex Primer, B51-450 Series	P,S,U	<50 g/L
1,2,4,5,7,8	PrepRite® ProBlock® Latex Primer Sealer, B51-620 Series	P,S,U	<50 g/L
7,8	Premium Wall & Wood Primer, B28WQ8811	P,S,U	<50 g/L
8	ProMar® 200 Zero VOC Latex Primer, B28-2600, ProMar® 400 Zero VOC Latex Primer, B28-4600	P,S,U	<50 g/L
8	Quali-Kote Primer, B28WQ8001	P,S,U	<100 g/L
7,8	White Pigmented Shellac Primer, B49WQ8150	SHELLAC PIGMENTED	<550 g/L
7	Minwax® 250 Stains	STAIN INTERIOR	<250 g/L

Substrate Key: Refer to data page for appropriate primer requirements

- | | |
|--|-----------------------|
| (1) Concrete - Poured, Precast, Tilt-Up Cast-In-Place, Cement Board Including Plaster | (7) Wood |
| (2) Concrete - Ceilings | (8) Drywall |
| (3) Masonry - (CMU - Concrete, Split Face, Scored, Smooth, Stucco, etc.) | (9) Concrete Floors |
| (4) Metal - Aluminum, Galvanized | (10) Wood Floors |
| (5) Metal - (Galvanized: Ceilings, Ductwork) | (11) Specialty Primer |
| (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall | |

P,S,U= Primer, Sealer, Undercoater

†Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406 and SOR/2009-264,s.12). VOCs may vary by base and sheen

CANADA Compliant Exterior Coatings			updated 03/01/21
SUBSTRATE	PRODUCTS	CANADA CATEGORY	PRODUCT VOCs†
1,3,4,6,7,13	A-100® Exterior Latex, A6 Series	FLAT	<50 g/L
1,3,4,6,7,13	Duration® Exterior Acrylic Flat, K32 Series	FLAT	<50 g/L
1,3,4,6,7,13	Emerald Exterior Flat, K47 Series	FLAT	<50 g/L
1,3,4,6,7,13	Emerald™ Rain Refresh™ Exterior Flat, K47-1900 Series	FLAT	<50 g/L
1,3,4,6,7,13	Latitude™ Exterior Latex Flat, K60 Series	FLAT	<50 g/L
1,3,7	Loxon® Self-Cleaning Acrylic Coating Flat, LX13 Series	FLAT	<50 g/L
1,3,4,6,7,13	Resilience™ Latex Flat, K42 Series	FLAT	<50 g/L
1,3,4,6,7,13	Solo Interior/Exterior Flat, A74 Series	FLAT	<50 g/L
1,3,4,6,7,13	SuperPaint® Exterior Flat, A80 Series	FLAT	<50 g/L
1,3	ConFlex UltraCrete Acrylic Textured Masonry Topcoat (Fine,Med,Coarse) CF17 Series	FLAT	<100 g/L
9,10	Porch & Floor Enamel, A32 Series	FLOOR	<50 g/L
7	WoodScapes® Exterior Semi-Transparent Stain, A15TQ8005	LOW SOLIDS	<100 g/L
1,3,4,6,7,13	A-100 Exterior Latex Satin, A82 & Gloss, A8 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Duration Exterior Low Lustre, K30, Satin, K33 & Gloss K34 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Emerald Exterior Satin, K48-50 & Gloss K49 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Emerald™ Rain Refresh™ Exterior Satin & Gloss K48 & K49-1900 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Latitude™ Exterior Latex Satin, & Semi-Gloss K62 & K64 Series	NON-FLAT	<50 g/L
1,3,7	Loxon® Self-Cleaning Acrylic Coating Satin, LX14 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Resilience™ Latex Satin, K43 & Gloss, K44 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Solo Interior/Exterior Eg-Shel, Satin, Semi-Gloss & Gloss, A75,A73, A76 & A77 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	SuperPaint® Exterior Low Lustre & Semi-Gloss, A78 & A83-1100 Series	NON-FLAT	<50 g/L
1,3	ConFlex Block Filler, CF01W0050	P.S.U	<50 g/L
7	Exterior Latex Wood Primer, B42-Series	P.S.U	<100 g/L
1,3	Loxon Concrete & Masonry Primer, LX02WQ050	P.S.U	<50 g/L
1,3	Loxon® Acrylic Conditioner, LX03 Series	P.S.U	<50 g/L
1,2,4,5,7,8,13	Multi-Purpose Latex Primer, B51-450 Series	P.S.U	<50 g/L
1,2,4,5,7,8	PrepRite® ProBlock® Latex Primer Sealer, B51-620 Series	P.S.U	<50 g/L
11	PrimeRx™ Peel Bonding Primer, B51T600	P.S.U	<50 g/L
7	Exterior Stain Blocking Wood Primer, Y24WQ8820	SPECIALTY PRIMER	<350 g/L
7,10	SuperDeck® Exterior Waterborne Solid Deck Stain SD7Q Series	STAIN	<100 g/L
7,10	SuperDeck® Exterior Waterborne Semi-Transparent Stain SD3TQ Series	STAIN	<50 g/L
7,10	SuperDeck® Exterior Semi-Transparent Stain, SD4Q Series	STAIN	<250 g/L
7,10	SuperDeck® Exterior Transparent Stain SD2Q- Series	STAIN	<250 g/L
7	WoodScapes® Exterior Waterborne Solid Color Stain, A15WQ8051 Series	STAIN	<100 g/L
1,3	Loxon® Vertical Concrete Stain, LX31 Series	STAIN	<50 g/L
12	Pro-Park™ Waterborne Traffic Marking B97 Series	TRAFFIC MARKING	<50 g/L
12	SetFast® Acrylic Zone Marking TM2160, TM2161	TRAFFIC MARKING	<100 g/L
12	SetFast® Acrylic Waterborne Traffic Marking, TM226, TM227	TRAFFIC MARKING	<100 g/L
12	SetFast® Latex Traffic Marking, TM2132, TM2133, TM2135	TRAFFIC MARKING	<100 g/L
1,3	ConFlex XL Elastomeric High Build Coating, CF11 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	ConFlex XL Textured Elastomeric HB Coating, CF12 Series	WATERPROOFING Concrete/Masonry Sealers	<100 g/L
1,3	Loxon® 7% Siloxane Water Repellent, CF31T7	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	Loxon® XP Waterproofing System, LX11 & LX21 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	ConFlex UltraCrete™ Solvent Borne Smooth & Textured Masonry Waterproofing,CF18 Series	WATERPROOFING Concrete/Masonry Sealers	<400 g/L
1,3	ConFlex® Flexible Concrete Waterproofer, CF14 & CF15 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L

Substrate Key: Refer to data page for appropriate primer requirements

- | | |
|--|----------------------------|
| (1) Concrete - Poured, Precast, Tilt-Up Cast-In-Place, Cement Board Including Plaster | (7) Wood |
| (2) Concrete - Ceilings | (8) Drywall |
| (3) Masonry - (CMU - Concrete, Split Face, Scored, Smooth, Stucco, etc.) | (9) Concrete Floors |
| (4) Metal - Aluminum, Galvanized | (10) Wood Floors |
| (5) Metal - (Galvanized: Ceilings, Ductwork) | (11) Specialty Primer |
| (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall | (12) Zone Marking Exterior |
| | (13) Vinyl, EIFS |

P,S,U= Primer, Sealer, Undercoater †Refer to the current EDS for specific VOCs (calculated per 40 CFR 59.406 and SOR/2009-264,s.12). VOCs may vary by base and sheen.

GLOSSARY OF TERMS

Term	Definition
Acrylic	A paint in which the vehicle is an acrylic resin A coating based on a polymer containing short chain esters of acrylic and methacrylic acid. Their physical properties can be controlled in part by choice of the alcohol used in the ester. Thus, methyl esters give harder films than butyl esters.
Air Drying	The most common form of curing a coating in which drying takes place by oxidation or solvent evaporation by simple exposure to air without heat or catalyst.
Alkali	A compound which has a pH value of between 7 and 14. i.e. lime, lye, caustic soda, cement, efflorescence.
Alkyd	A synthetic resin which is made by the reaction of a drying oil acid, such as phthalic, maleic or succinic acid, with polyhydric alcohol such as glycerine. Vegetable oils, fatty acids and other resins are often used as modifying agents. Drying occurs by the evaporation of a solvent; curing of the resin occurs by oxidation. The more oil there is in the formula, the longer it takes to dry, (SWP, Kromik are examples of slow dry) the better the wetting properties, and the better the elasticity.
Anti-Corrosive Coating	Paint made with neutral or slightly alkaline pigments and a water-resisting vehicle to be used as a primer on steel and other metals to prevent or retard corrosion.
Anti-Microbial agent	An agent which inhibits the growth of microbes on the surface of the paint film
Barrier Coat	A coating used to isolate a paint system either from the surface to which it is applied or a previous coating for the purpose of increasing adhesion or ensuring compatibility.
Batch Code/Date	A method of identifying when and where a particular product was made.
Certified-LEED®	Projects that meet the criteria in categories of performance: sustainable sites, energy and atmosphere, water efficiency, indoor environmental quality, materials and resources, and innovation in design are eligible for points. The number of points the project earns determines the level of LEED Certification the project receives.
CIR-USGBC®	Credit Interpretations Request. This is a process that one would request an interpretation of a LEED credit or rule.
Coating	A material applied onto or impregnated into a substrate for protective, decorative, or functional purposes. Such materials include, but are not limited to, paints, varnishes, sealers, and stains.
Colorant	A concentrated pigment dispersion in water, solvent, and/or binder that is added to an architectural coating after packaging in sale units to produce the desired color.
Corrosion Inhibitive	A type of metal paint or primer that prevents rust by preventing moisture from reaching the metal. Zinc phosphate, barium metaborate and strontium chromate (all pigments) are common ingredients in corrosion-inhibitive coatings. These pigments absorb any moisture that enters the paint film.
DFT	Dry film thickness.
EA-LEED®	Energy & Atmosphere Credits
Environmental Protection Agency (EPA)	A branch of the federal government responsible for protecting the physical environment.
EPD	Environmental Product Declaration. Part of the life cycle assessment. This is a standardized way to quantify the impact a product would have on the environment. 3rd party certified assessment.
EQ-LEED	Indoor Environmental Quality Credits
Exempt compounds	Means specific organic compounds that are not considered volatile organic compounds due to negligible photochemical reactivity. (US EPA)
Exterior Coatings	Means an architectural coating formulated and recommended for use in conditions exposed to the weather. (US EPA)
Factory Applied	Coatings that are shop applied.
Ferrous Metal	A metal that contains iron, like steel.
Flat Finish	A finish, which has no luster or reflectance. Defined as <5@60° SCAQMD defines Flat as <15@85° or <5@60°

Term	Definition
FTC Green Guides	A guide (16 CFR Part 260) to help marketers avoid deceptive or misleading environmental claims.
g/L	A unit of measurement in grams per liter.
GC-03,1997: GreenSeal®	GC-03 is now a part of Green Seal GS-11.
Gloss	The shine, sheen, or luster of the surface of a coating. Specular Gloss is the ratio of reflected to incident light at specified angles of incidence. Most common are angles of 20°, 60°, and 85°.
Gold-LEED®	Second highest level of certification by LEED®
GS-11: GreenSeal®	This standard establishes requirements for paints and coatings. The standard includes wall, anti-corrosive, and reflective coatings, floor paints and primers and undercoats. USGBC-LEED v4 & v4.1 no longer uses as a standard.
ID	Innovation & Design Process Credits
IEQ	Indoor Environmental Quality
Innovation Credit	To provide design teams and projects the opportunity to be awarded points for exceptional performance above the requirements set by the LEED Green Building Rating System and/or innovative performance in Green Building categories not specifically addressed by the LEED Green Building Rating System.
Interior coating	Means an architectural coating formulated and recommended for use in conditions not exposed to natural weathering. (US EPA)
LEED® v4.1	The newest version of LEED building program. LEED 2009 is no longer open for registration. LEED v4 is still open and LEED v4 & v4.1 can be used interchangeably.
Light Reflectance Value (LRV)	The numerical value associated with the amount of light reflected off a dry film coat; the measurement is obtained by using a gloss meter.
Low Solids Coating	A coating containing 0.12 kilogram or less of solids per liter (1 pound or less of solids per gallon) of coating material as recommended for application by the manufacturer. (arb.gov).
Manufactured	A product that is transformed from raw materials into finished produced for sale.
Material Ingredients Assessment	LEED v4 & v4.1 request the use of products and materials for which life-cycle information is available and that have environmentally, economically, and socially preferable life-cycle impacts.
Material Safety Data Sheet (SDS)	A Regulatory document that lists any hazardous substance that comprises 1% or more of the product's total volume. Also lists procedures to follow in the event of fire, explosion, leak or exposure to hazardous substance by inhalation, ingestion or contact with skin or eyes. Coatings manufacturers are required to provide retailers with an SDS for every product they sell to the retailer.
Mildew resistant	Coating contains agents which inhibit the growth of mildew on the surface of the paint coating film.
Non-Compliant	Products that do not meet the criteria that is required.
Non-Flat	Defined as Non-Flat is >5@60° SCAQMD defines Non-Flat is >15@85°, & >5@60°
Non-Flat High Gloss	Non-Flat High Gloss 70@60° according to ASTM D523.
Non-Volatile	That portion of a material which does not evaporate at ordinary temperatures; the solid substances left behind after the volatiles have evaporated.
Perm Rating	A number to designate the amount of water vapor transmitted through a substrate – or a coating: the lower the number, the less water vapor transmitted.
Pilot Credits	Pilot credits facilitate the introduction of new credits to the LEED rating systems
Primer	Primers are coatings applied to a surface to provide a firm bond between the substrate and subsequent coats.

Term	Definition
Recovered-LEED®	Material collected for remanufacturing or recycling
Recycled Coatings	Per AQMD.gov-Rule 1113 Sept.6, 2013: Are coatings formulated such that 50 percent or more of the total weight consists of secondary and post-consumer coatings and 10 percent or more of the total weight consists of post-consumer coatings, and manufactured by a certified recycled paint manufacturer. More information go to www.aqmd.gov
Recycle Content: Post-Consumer Coatings	Per AQMD.gov-Rule 1113 Sept.6, 2013: are finished coatings that would have been disposed of in a landfill, having completed their usefulness to a consumer, and does not include manufacturing wastes.
Recycled Content: Pre-Consumer	Pre-consumer material is defined as material diverted from the waste stream during the manufacturing process. Reutilization of materials (i.e., rework, regrind or scrap generated in a process and capable of being reclaimed within the same process that generated it) is excluded. <i>ISO 14021</i>
Reflectance	Reflectance is the percentage of light energy that is not absorbed when light falls on the surface. A white surface has a higher reflectance than an otherwise identical black surface. (LEED)
Residence	Means areas where people reside or lodge, including, but not limited to, single and multiple family dwellings, condominiums, mobile homes, apartment complexes, motels, and hotels.
SCAQMD Rule 1113	The purpose of this rule is to limit the VOC content of architectural coatings used in the District or to allow the averaging of such coatings, as specified, so their actual emissions do not exceed the allowable emissions if all the averaged coatings had complied with the specified limits. (aqmd.gov)
Scrubability	The ability of a coating to maintain its original hide, gloss and color after being scrubbed or washed with an abrasive soap.
Sealers	SEALERS are coatings applied to either block materials from penetrating into or leaching out of a substrate, to prevent subsequent coatings from being absorbed by the substrate, or to prevent harm to subsequent coatings by materials in the substrate.
Sheen	Specular reflectance taken at a low angle, usually 85°.
Shellac	A clear or opaque coating formulated solely with the resinous secretions of the lac beetle (<i>Lacifer lacca</i>), and formulated to dry by evaporation without a chemical reaction.
Silicone	A resin used in the binders of coatings. Also used as an additive to provide specific properties, e.g., defoamer.
Solid	The part of the same coating that remains on the surface after the vehicle has evaporated. Also called non-volatile.
Soybean Oil	Semi-drying oil obtained from the soya bean. When properly combined with resins or other chemicals it produces good quality synthetic varnishes.
Sustainable	The ability to meet present needs without compromising future results.
Tax Credits	Some states and municipalities offer tax credits and other incentives to owners, developers and buyers of Green products. One should contact their local and or state authorities for such credit.
Tint	A color produced by mixing a colored material, dye, or pigment with white pigment or paint.
Topcoat	Usually the final paint film applied to a surface.
Undercoater	UNDERCOATERS are coatings formulated for or applied to substrates to provide a smooth surface for subsequent coats.
Volatile Organic Compound (VOC)	Any compound of carbon that participates in atmospheric photochemical reactions, but excludes carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, ammonium carbonate, and specific compounds that the EPA has determined are of negligible photochemical reactivity, which are listed at 40 C.F.R. 51.1 100.

Sources: sherwin-williams.com, swspecs.com, usgbc.org, nahbgreen.org, nahb.org, otcair.org, aqmd.gov, arb.ca.gov, paintinfo.com, cagbc.org, [cnn 2007](http://cnn), merriam-webster.com, chps.net, greenguard.org, *ISO 14021*.

Advanced Resin Technology	Formulated for outstanding adhesion and hide.
Anti-microbial agents	Product contains agents which inhibit the growth of mold and mildew on the surface of this paint film.
ClimateFlex Technology™	Paint confidently in extreme temperatures or when rain is forecasted.
ColorCast Ecotoner® Colorants	When tinted with ColorCast Ecotoner® Colorants, VOCs (Volatile Organic Compounds) will not be added to any Sherwin-Williams product.
Extreme Temp Technology™	Can be applied from 35°F–120°F air, surface and material temperatures.
ISO 9001	As tested by Sherwin-Williams ISO 9001 certified labs based on ASTM® standards, as applicable, or other generally accepted industry standards.
Mildew resistant	Coating contains agents which inhibit the growth of mildew on the surface of this paint film.
MoistureGuard™ Technology	Resisting moisture twice as quickly as standard exterior latex coatings.
Moisture Resistant Technology	Offering quick return to service (as little as two hours) and durability in moist environments like bathrooms.
Odor Block Technology	Allows odors to be blocked in the first coat. Measured by using precision instruments for quantifying odor strength in the ambient air
Self-Cleaning Technology™	Formulated to be self-cleaning by shedding dirt upon rain or water contact.
Stain Locking Technology	Allows stains to be trapped in the first coat, allowing the finish coat to be uniform in appearance without unsightly stain bleed through.
SuperDeck® Cool Feel™ Technology	Helps reduce the surface temperature by up to 20°F when compared to conventional color technology.
¹ SuperPaint® Air Purifying Technology	Helps reduce volatile organic compounds (VOCs) from potential sources like carpet, cabinets and fabrics. Odor eliminating technology helps reduce common household odors like cooking, smoking and pets. The length of time SuperPaint Air Purifying Technology actively reduces odors and formaldehyde depends on the concentration, the frequency of exposure and the amount of painted surface area.
² SuperPaint® with Sanitizing Technology	Is an EPA-registered microbicidal paint that kills 99.9% of Staph (Staphylococcus aureus), MRSA (Methicillin-resistant Staphylococcus aureus), E. coli (Escherichia coli), VRE (Vancomycin-resistant Enterococcus faecalis) and Enterobacter aerogenes within two hours of exposure on painted surfaces. It continues to kill 90% of these bacteria even after repeated contamination on painted surfaces. The effectiveness lasts for up to four years as long as the integrity of the surface is maintained.
UL GREENGUARD® Gold	Certified to UL GREENGUARD® Gold standards for low chemical emissions into indoor air during product usage. To learn more, see spot.ul.com
VinylSafe®	VinylSafe® paint colors allow you the freedom to choose from 100 color options, including a limited selection of darker colors formulated to resist warping or buckling when applied to sound, stable vinyl siding.

We can satisfy your most exacting specifications.

Ask Sherwin-Williams™



To learn more, contact your local Sherwin-Williams Sales Rep or call 800-524-5979



Additional resources can be found at: sherwin-williams.com and swspecs.com

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