

GREEN 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.



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The following industry groups and government agencies have developed or require performance criteria and standards for designing, building and operating green 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 “green” 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®) green 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 contributes toward satisfying LEED’s criteria under IEQ 4.2 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.

Canadian Green Building Council (CaGBC) This organization’s mission is to accelerate the design and construction of green buildings in Canada by working to change industry standards, developing best design practices and guidelines, advocating for green buildings and developing educational tools to implement sustainable design and construction practices. Like USGBC, CaGBC offers a number of LEED® Canada rating systems to meet the needs of different building and project types, and allows paints and coatings to be used to earn credits as low emitting materials in the Indoor Environmental Quality Category. For more information visit: www.cagbc.net

National Association of Home Builders (NAHB) A collaborative effort between the International Code Council (ICC) and NAHB, the National Green Building Standard™ ICC 700-2012 (“NGBS”) is the only residential green building rating system approved by ANSI as an American National Standard. The NGBS provides practices for the design and construction of all types of green residential buildings, renovations, and land developments. The green aspects of the NGBS include lot design, preparation and development; resource, energy and water efficiency; indoor environmental quality; and operation, maintenance and building owner education. For more information visit: www.nahb.org



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. The largest number of points in the Green Globes system are dedicated to energy. 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.

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

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). Paint suppliers who already have products approved in an MPI paint category can be listed in the corresponding X-Green category by meeting MPI's GPS-2 requirement, which requires a maximum 50 g/L VOC, and submitting third-party test results verifying they meet CHPS emission requirements.

For more information visit: www.paintinfo.com

GGHC Green Guide for Health Care™. According to GGHC, this is "the health care sector's first quantifiable sustainable design and facilities operations toolkit integrating enhanced environmental and health principles and practices into the planning, design, construction, operations and maintenance of their facilities. This Guide provides the health care sector with a voluntary, self-certifying metric toolkit of best practices that designers, owners, and operators can use to guide and evaluate their progress towards high performance healing environments." For more information visit: www.gghc.org/

CALGreen According to CALGreen, "The 2013 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>



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 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.

For more information visit: www.otcair.org



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Ohio New 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 New 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 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

Canada Canada's regulatory agency, Environment Canada, enacted new 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/ceparegistry. 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.



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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: www.ul.com/gg.

GREENGUARD'S IAQ Standard 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.

GREENGUARD Children & SchoolsSM Standard for products intended for use in schools, daycares or other environments where children spend significant periods of time, the GREENGUARD Children & Schools Certification ProgramSM offers stricter certification criteria. It is referenced by both The Collaborative for High Performance Schools (CHPS) and the Leadership in Energy and Environmental Design (LEED) Building Rating System. Products certified to this standard are also suitable for use in environments where children and others work, play or reside. GREENGUARD Children & Schools Certified products can be used to earn valuable credits in the CHPS Best Practices Manual for K-12 schools, the US Green Building Council's LEED® Green Building Rating Systems, the Green Guide for Healthcare, the NAHB Green Building Guidelines, Green Globes, Regreen and many other building codes, standards and specifications

This reference guide also includes Sherwin-Williams products that have undergone GreenGuard's rigorous testing and achieved certification under both the GREENGUARD Indoor Air Quality and the Children & Schools Standards. Further information and copies of certifications for Sherwin-Williams products can be obtained by visiting: www.greenguard.org.

Note: New GREENGUARD Marks combine the GREENGUARD and UL names: GREENGUARD Children & SchoolsSM, becomes GREENGUARD Gold. GREENGUARD IAQ becomes GREENGUARD certified.

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.

Because rules vary, we have created this Coatings Reference Guide. This tool is furnished only as a guide to select LEED®, CaGBC, NGBS, MPI, CARB, SCAQMD, CHPS, Ohio, Canada 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, swspecs.com, or you can quickly access the above mentioned programs at their respective websites.

PROJECT CHECKSHEET

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

1. Which Green program is your customer needing to follow?

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

2. If this is a USGBC or CaGBC LEED® job, which LEED® program are they using?

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

3. What version of USGBC or CaGBC LEED® Program are they using? Old versions or LEEDv4?

4. Are they 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. Are there any forms the architect or construction manager needs to complete?

10. What LEED categories are they trying to earn credit in?

11. Is your customer trying to do a VOC budget?

- a. Yes
- b. No

12. Do they have approval to budget?

- a. Yes
- b. No

13. What is being required of you?

14. Is your AAE involved in this project? Do you know who your AAE is? If not contact 800-321-8194

**LEED 09 BD&C Building Design and Construction (NC,CS)
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 2/1/14

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>

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* w/Addenda 10/1/2013			updated 2/1/14
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 Matte, 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 Matte, 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 & Low Sheen B24-2600 Series	FLAT	<50 g/L
1,3,7,8	ProMar® 400 Zero VOC Interior Latex Flat, B30-4600 Series, Low Sheen, B24-4600	FLAT	<50 g/L
1,3,7,8	Property Solution™ Interior Flat, B30-3000 Series	FLAT	<50 g/L
1,3,7,8	Solo® 100% Acrylic Interior/Exterior Flat, A74-51 series	FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior Flat, A86-150 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	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, B20-1150, B31-1150 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 & Semi-Gloss, B31-2600 Series	NON-FLAT	<50 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® 100% Acrylic Interior/Exterior Eg-Shel, Semi-Gloss & Gloss, A75-51, A76-51 & A77-51 Series	NON-FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior Satin, A87-1150 & Semi-Gloss A88-1150 Series	NON-FLAT	<50 g/L
8	Drywall Primer Interior Latex, B28W8150	PS,U	<50 g/L
8	Harmony® Interior Latex Primer, B11	PS,U	<50 g/L
1,2,3	Loxon® Concrete & Masonry Primer/Sealer, A24W8300	PS,U	<100 g/L
1,2,3	Loxon® Conditioner A24-1100 Series	PS,U	<50 g/L
1,2,4,5,7,8	Multi-Purpose Latex Primer, B51-450 series	PS,U	<50 g/L
7,8	Multi-Purpose Waterbased Acrylic-Alkyd Primer, B79W450	PS,U	<50 g/L
7,8	Premium Wall & Wood Primer, B28W8111	PS,U	<50 g/L
1,3	PrepRite® Block Filler, B25W25	PS,U	<50 g/L
1,2,4,5,7,8	PrepRite® ProBlock Latex Primer, B51-620 Series	PS,U	<50 g/L
8	ProMar® 200 Zero VOC Latex Primer, B28W2600	PS,U	<50 g/L
8	ProMar® 400 Zero VOC Latex Primer, B28W4600	PS,U	<50 g/L
7	WoodClassics® 250 Stains, Minwax® 250 Stains,	STAINS	<250 g/L
7	Minwax Waterbased Polyurethane Varnish: Satin, Semi-Gloss, Gloss: 710337/710320/710313 series	VARNISH	<275 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 | |

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 MSDS/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.

USGBC LEED®-09 CI Commercial Interiors: Contributes toward satisfying IEQ Credit 4.2* w/Addenda 10/1/2013			updated 2/1/14
SUBSTRATE	PRODUCTS	LEED-09 CI 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 Matte, 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 Matte, 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 & Low Sheen B24-2600 Series	FLAT	<50 g/L
1,3,7,8	ProMar® 400 Zero VOC Interior Latex Flat, B30-4600 Series, Low Sheen, B24-4600	FLAT	<50 g/L
1,3,7,8	Property Solution™ Interior Flat, B30-3000 Series	FLAT	<50 g/L
1,3,7,8	Solo® 100% Acrylic Interior/Exterior Flat, A74-51 series	FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior Flat, A86-150 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	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, B20-1150, B31-1150 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 & Semi-Gloss, B31-2600 Series	NON-FLAT	<50 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® 100% Acrylic Interior/Exterior Eg-Shel, Semi-Gloss & Gloss, A75-51, A76-51 & A77-51 Series	NON-FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior Satin, A87-1150 & 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/Sealer, A24W8300	P,S,U	<100 g/L
1,2,3	Loxon® Conditioner A24-1100 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
1,3	PrepRite® Block Filler, B25W25	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
7	WoodClassics® 250 Stains, Minwax® 250 Stains,	STAINS	<250 g/L
7	Minwax Waterbased Polyurethane Varnish: Satin, Semi-Gloss, Gloss: 710337/710320/710313 series	VARNISH	<275 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 | |

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 MSDS/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.

USGBC LEED®-09 CS Core & Shell: Contributes toward satisfying IEQ Credit 4.2* w/Addenda 10/1/2013			update 2/1/14
SUBSTRATE	PRODUCTS	LEED-09 CS 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 Matte, 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 Matte, 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 & Low Sheen B24-2600 Series	FLAT	<50 g/L
1,3,7,8	ProMar® 400 Zero VOC Interior Latex Flat, B30-4600 Series, Low Sheen, B24-4600	FLAT	<50 g/L
1,3,7,8	Property Solution™ Interior Flat, B30-3000 Series	FLAT	<50 g/L
1,3,7,8	Solo® 100% Acrylic Interior/Exterior Flat, A74-51 series	FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior Flat, A86-150 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	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, B20-1150, B31-1150 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 & Semi-Gloss, B31-2600 Series	NON-FLAT	<50 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® 100% Acrylic Interior/Exterior Eg-Shel, Semi-Gloss & Gloss, A75-51, A76-51 & A77-51 Series	NON-FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior Satin, A87-1150 & 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/Sealer, A24W8300	P,S,U	<100 g/L
1,2,3	Loxon® Conditioner A24-1100 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
1,3	PrepRite® Block Filler, B25W25	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
7	WoodClassics® 250 Stains, Minwax® 250 Stains,	STAINS	<250 g/L
7	Minwax Waterbased Polyurethane Varnish: Satin, Semi-Gloss, Gloss: 710337/710320/710313 series	VARNISH	<275 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 | |

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 MSDS/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 * w/Addenda 10/01/2013 Dry Fog & Industrial Maintenance Coatings		updated 2/1/14
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, B42W82 & Semi-Gloss B42W83	DRY FOG	<50 g/L
ArmorSeal® 33 Primer, B58Q33 Series	INDUSTRIAL MAINTENANCE	<100 g/L
ArmorSeal® 650, B58WQ651, B58W650, B58VQ650	INDUSTRIAL MAINTENANCE	<100 g/L
ArmorSeal ArmorQuartz System, B58Q650 Series	INDUSTRIAL MAINTENANCE	<100 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
Dura-Plate® UHS Epoxy, B62-210 series	INDUSTRIAL MAINTENANCE	<100 g/L
EnviroLastic® Polyurea AR520 PW, B81V3800	INDUSTRIAL MAINTENANCE	<50 g/L
ExpressCote® HCR Epoxy, B62-250 Series	INDUSTRIAL MAINTENANCE	<50 g/L
Heavy Duty Block Filler, B42W46	INDUSTRIAL MAINTENANCE	<50 g/L
Hi-Solids Polyurethane -100 Gloss/Semi-Gloss, B65-625/630 Series	INDUSTRIAL MAINTENANCE	<100 g/L
Macropoxy® 646-100, B58W620 & B58T624	INDUSTRIAL MAINTENANCE	<100 g/L
Macropoxy® 646-100 PW, B58WX620 , B58RX620, B58HX620 & B58VX620 Potable Water Epoxy	INDUSTRIAL MAINTENANCE	<100 g/L
Metalatex® Semi-Gloss, B42 Series	INDUSTRIAL MAINTENANCE	<100 g/L
Nova-Plate UHS Epoxy, B62-220 w/ B62V220	INDUSTRIAL MAINTENANCE	<100 g/L
Pro Industrial™ Multi-Surface Acrylic, Gloss & Eg-Shel B66-500 & B66-560 Series	INDUSTRIAL MAINTENANCE	<150 g/L
Pro Industrial™ Pre-Catalyzed Waterbased Epoxy Eg-Shel K45W150 & Semi-Gloss, K46W150 Series	INDUSTRIAL MAINTENANCE	<150 g/L
Pro Industrial™ Pro-Cryl® Universal Primer B66-310 Series	INDUSTRIAL MAINTENANCE	<100 g/L
Pro Industrial™ Gloss, Semi-Gloss & Eg-Shel Acrylic Coating, B66-600 Series	INDUSTRIAL MAINTENANCE	<50 g/L
Pro Industrial™ Water Based Catalyzed Epoxy, B73-300 Series	INDUSTRIAL MAINTENANCE	<50 g/L
Sher-Clear 1K Acrylic Clear Coat, Flat & Semi-Gloss, B66C380 & B66C385	INDUSTRIAL MAINTENANCE	<100 g/L
SherFlex® Elastomeric Polyurethane, B65-910 Series	INDUSTRIAL MAINTENANCE	<50 g/L
SherFlex® Repair, B65-920 w/B65V920	INDUSTRIAL MAINTENANCE	<50 g/L
Waterbased Acrolon® 100, B65W721 Series	INDUSTRIAL MAINTENANCE	<100 g/L
Waterbased Catalyzed Epoxy, B70W211 B60V15/B60V25	INDUSTRIAL MAINTENANCE	<150 g/L
Pro Industrial™ Pro-Cryl® Universal Primer B66-310 Series	INDUSTRIAL MAINTENANCE	<100 g/L
Heavy Duty Block Filler, B42W46	INDUSTRIAL MAINTENANCE	<50 g/L

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** 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 MSDS/EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

USGBC LEED®-09 Health Care Contributes toward satisfying IEQ Credit 4 Group 2			updated 2/1/14
SUBSTRATE	PRODUCTS	LEED-HC CATEGORY^	PRODUCT VOCs
1,2,4,5,6	Pro Industrial Waterbased DryFall Flat, B42W181 & B42B81	DRY FOG FLAT	<50 g/L
1,2,4,5,6	Pro Industrial Waterbased DryFall Eg-Shel, B42W82 & Semi-Gloss B42W83	DRY FOG NON-FLAT	<50 g/L
1,3,8	Eminence™ Ceiling Paint, A27W01815	FLAT	<50 g/L
1,3,8	Builders Solution™ Interior Latex Flat, A61W151 & Matte A64W51	FLAT	<50 g/L
1,3,7,8	Duration Home® Interior Latex Matte, A96-Series	FLAT	<50 g/L
1,3,7,8	Emerald Interior Matte, 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 & Low Sheen B24-2600 Series	FLAT	<50 g/L
1,3,7,8	ProMar® 400 Zero VOC Interior Latex Flat, B30-4600 Series, Low Sheen, B24-4600	FLAT	<50 g/L
1,3,7,8	Solo 100% Acrylic Interior/Exterior Flat, A74-51 Series	FLAT	<50 g/L
1,3,7,8	SuperPaint Interior Flat, A86W151 series	FLAT	<50 g/L
9,10	Porch & Floor Enamel, A32 Series	FLOOR	<50 g/L
1,2,3,4,5,6,8	Pro Industrial Gloss, Semi-Gloss & Eg-Shel Acrylic Coating, B66-600 Series	INDUSTRIAL MAINTENANCE	<50 g/L
1,2,3,4,5,6,8	Pro Industrial Water Based Catalyzed Epoxy, B73-300 Series	INDUSTRIAL MAINTENANCE	<50 g/L
4,5,6	Pro Industrial™ Pro-Cryl® Universal Primer B66-310 Series	INDUSTRIAL MAINTENANCE	<100 g/L
1,3,7,8	Duration Home Latex Satin, A97 & Duration® Home Semi-Gloss, A98-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	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
1,3,7,8	ProMar® 200 Zero VOC Latex Eg-Shel, B20-2600 & Semi-Gloss, B31-2600 Series	NON-FLAT	<50 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	Solo 100% Acrylic Interior/Exterior Eg-Shel, Semi-Gloss & Gloss, A75-51, A76-51 & A77-51 Series	NON-FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior Satin, A87-1150 & Semi-Gloss A88-1150 Series	NON-FLAT	<50 g/L
8	Harmony Interior Latex Primer, B11	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
1,2,3	Loxon® Concrete & Masonry Primer/Sealer, A24W8300	P,S,U	<100 g/L
1,2,3	Loxon® Conditioner A24-1100 Series	P,S,U	<50 g/L
8	Builders Solution™ Surfacer, A63W100	P,S,U	<100 g/L
1,3	Heavy Duty Block Filler, B42W46	P,S,U	<50 g/L
1,3	Loxon® Block Surfacer, A24W200	P,S,U	<100 g/L
1,3	PrepRite® Block Filler, B25W25	P,S,U	<50 g/L
7	Minwax Waterbased Polyurethane: Satin, Semi-Gloss, Gloss: 710337/710320/710313 series	VARNISH	<275 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 | |

Updated October 2013 IEQ Credit 4: Low-Emitting Materials Per USGBC: GROUP 2: Wall and Ceiling Finishes: Paints and coatings used on the interior of the building—defined as inside of the weatherproofing system and applied on-site—shall not exceed the VOC content limits established in South Coast Air Quality Management District (SCAQMD) Rule 1113, Architectural Coatings. (Rules in effect on July 1, 2008. Per Reference Table for all IEQ Credit 4 Groups: INTERIOR: Paints (flat & non-flat, except anti-rust) 50 g/L, Clear Wood Finishes: (varnish, lacquer or sanding sealers) 275 g/L; Floor Coatings: 50 g/L, Primers and undercoaters 100; Sealers: Waterproofing & all Others 100 g/L; Shellacs: Clear 730 g/L; Pigmented 550 g/L Stains: 100 g/L

For Exterior Applied Products Group 5: Adhesives, sealants, coatings, roofing and waterproofing materials—defined as from the weatherproofing system out and applied on-site—shall comply with the VOC limits of California Air Resources Board (ARB) 2007 Suggested Control Measure (SCM) for Architectural Coatings and South Coast Air Quality Management District (SCAQMD) Rule 1168 effective July 1, 2005.

MR Credit 4.2: PBT Source Reduction-Lead, Cadmium and Copper

The coatings listed on this page are formulated without the use of cadmium, lead, mercury, antimony, and hexavalent chromium.

P,S,U= Primer, Sealer, Undercoater

^Category classification based on SCAQMD Rule 1113, 2008 definitions.

†Refer to the current MSDS/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
2/1/14**

PRODUCTS	TABLE 25 CATEGORY[^]	PRODUCT VOCs[†]
Builders Solution™ Interior Latex Flat, A61W151 & Matte A64W51	FLAT	<50 g/L
Duration Home® Interior Latex Matte, A96-Series	FLAT	<50 g/L
Emerald Interior Matte, K36 Series	FLAT	<50 g/L
Harmony Interior Latex Flat, B5 Series	FLAT	<50 g/L
ProMar® 200 Zero VOC Latex Flat B30-2600 & Low Sheen B24-2600 Series	FLAT	<50 g/L
ProMar® 400 Zero VOC Interior Latex Flat, B30-4600 Series, Low Sheen, B24-4600	FLAT	<50 g/L
EcoSelect Interior Flat, A21 Series	FLAT	<50 g/L
Solo 100% Acrylic Interior/Exterior Flat, A74-51 Series	FLAT	<50 g/L
Porch & Floor Enamel, A32 Series	FLOOR	<50 g/L
Builders Solution™ Interior Latex Eg-Shel, A62W51	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
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 & B34-850 Series	NON-FLAT	<50 g/L
ProClassic® Waterborne Acrylic Satin, S/G, B20-1150, B31-1150 Series	NON-FLAT	<50 g/L
ProMar® 200 Zero VOC Latex Eg-Shel, B20-2600 & 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 Latex Gloss B21W2251 Series & ProMar® 400 Latex Gloss B21W4451 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 100% Acrylic Interior/Exterior Eg-Shel, Semi-Gloss & Gloss, A75-51, A76-51 & 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/Sealer, A24W8300	P,S,U	<100 g/L
Loxon® Conditioner A24-1100 Series	P,S,U	<50 g/L
Loxon® Block Surfacer, A24W200	P,S,U	<100 g/L
PrepRite® Block Filler, B25W25	P,S,U	<50 g/L
Water Blocking Primer/Finish, B72W8010	P,S,U	<50 g/L
White Pigmented Shellac Primer, B49W8050	SHELLACS	<550 g/L
WoodClassics 250 Stains, Minwax 250 Stains	STAINS: INTERIOR	<250 g/L
Minwax® Waterbased Polyurethane , Satin, Semi-Gloss, Gloss	VARNISH	<275 g/L

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 24 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 below

Table 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, Primers, 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 MSDS/EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

USGBC LEED®-for Schools 09 Contributes toward satisfying IEQ Credit 4.2	updated 2/1/14	
PRODUCTS	GREENGUARD Gold	CDPH (CA01350) Method V1.1
Cashmere® Interior Flat, D16-150 Series	Certified	YES
Cashmere Interior Low Lustre, Pearl, Medium Lustre, D17, D15 & D18-150 Series	Certified	YES
ColorCast Ecotoners™	Certified	YES
Dry Erase Coating, KB65C2000	Certified	YES
Drywall Primer, B28W08150	Certified	YES
EcoSelect Interior Flat, A21 Series	Certified	YES
EcoSelect Interior Eg-Shel, A22 Series	Certified	YES
EcoSelect Interior Semi-Gloss, A20 Series	Certified	YES
Emerald Interior Matte, K36 Series	Certified	YES
Emerald Interior Satin, K37 Series	Certified	YES
Emerald Interior Semi-Gloss, K38 Series	Certified	YES
Eminence™ Ceiling Paint, A27W01815	Certified	YES
Harmony Interior Latex Eg-Shel, B9 Series	Certified	YES
Harmony Interior Latex Flat, B5 Series	Certified	YES
Harmony Interior Latex Primer, B11	Certified	YES
Harmony Latex Semi-Gloss, B10 Series	Certified	YES
Loxon® Conditioner A24-1100 Series	Certified	YES
Multi-Purpose Latex Primer, B51-450 series	Certified	YES
Multi-Purpose Waterbased Acrylic-Alkyd Primer, B79W450	Certified	YES
PrepRite® Block Filler, B25W25	Certified	YES
PrepRite ProBlock Latex Primer, B51-620 Series	Certified	YES
ProMar® 200 Zero VOC Interior Latex Eg-Shel, B20-2600 Series	Certified	YES
ProMar® 200 Zero VOC Interior Latex Flat, B30-2600 Series	Certified	YES
ProMar® 200 Zero VOC Interior Latex Low Sheen, B24-2600 Series	Certified	YES
ProMar® 200 Zero VOC Interior Latex Semi-Gloss, B31-2600 Series	Certified	YES
ProMar® 200 Zero VOC Primer, B28W2600	Certified	YES
ProMar® 400 Zero VOC Interior Latex Eg-Shel, B20-4600 Series	Certified	YES
ProMar® 400 Zero VOC Interior Latex Flat, B30-4600 Series	Certified	YES
ProMar® 400 Zero VOC Interior Latex Low Sheen, B24-4600 Series	Certified	YES
ProMar® 400 Zero VOC Interior Latex Semi-Gloss, B31-4600 Series	Certified	YES
ProMar® 400 Zero VOC Primer, B28W4600	Certified	YES
Pro Industrial Acrylic, B66-600 Series	Certified	YES
Pro Industrial Water Based Catalyzed Epoxy, B73-300 Series	Certified	YES
Pro Industrial™ Pro-Cryl® Universal Primer Off White, B66W310	Certified	YES
Quick Dry Stain Blocking Primer, B51W8670	Certified	YES
Solo 100% Acrylic Interior/Exterior Eg-Shel, A75-50 Series	Certified	YES
Solo 100% Acrylic Interior/Exterior Flat, A74-50 Series	Certified	YES
Solo 100% Acrylic Interior/Exterior Gloss, A77-50 Series	Certified	YES
Solo 100% Acrylic Interior/Exterior Semi-Gloss, A76-51 Series	Certified	YES
Stampede 1TX	Certified	YES
Tuff Surface™ Knock Down Texture, A44W50	Certified	YES
Water Blocking Primer/Finish, B72W8010	Certified	YES
Waterborne Acrylic DryFall -Eg-Shel White, B42W82	NO	YES
Waterborne Acrylic DryFall -Flat White, B42W181	NO	YES
Waterborne Acrylic DryFall -Semi-Gloss White, B42W83	NO	YES

IEQ Credit 4: Low-Emitting Materials Credit Options

CREDIT 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 comply with California Department of Public Health “Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1” (CA Section 01350). For more information, see <http://www.cal-iaq.org/separator/voc/voc-publications>.

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

LEED®v4 New Construction, Core and Shell, Schools, Healthcare, Hospitality Contributes toward satisfying Indoor Environmental Quality credit EQ Low-Emitting Materials				updated 02/01/14	
PRODUCTS	PRODUCT NUMBERS	GREENGUARD GOLD	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	B42W00181	CDPH V1.1	0.5 mg/m3 or less	Dry Fog	<50 g/L
Pro Industrial Waterborne Acrylic Dryfall Eg-Shel	B42W00082,	CDPH V1.1	between 0.5& 5.0 mg/m3	Dry Fog	<50 g/L
Pro Industrial Waterborne Acrylic Dryfall Semi-Gloss	B42W00083	CDPH V1.1	5.0 mg/m3 or more.	Dry Fog	<50 g/L
Cashmere® Interior Flat	D16-150 Series	Certified	0.5 mg/m3 or less	Flat	<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 Matte	K36-350 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Eminence® Interior Latex Flat Ceiling Paint	A27W01815	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 Sheen	B30 & B24-2650 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® 100% Acrylic Interior/Exterior Flat	A74-51 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Tuff Surface™ Premium Texture Coating	A44W00050	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Water Blocking Primer/Finish	B72W08010	Certified	0.5 mg/m3 or less	Flat	<50 g/L
AllSurface Enamel HP Eg-Shel, Semi-Gloss, Gloss	A43,A41 & A42Q-8050 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
Cashmere Interior Low Lustre, Pearl, Medium Lustre	D17, D15 & D18-150 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 & K38-350 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 Zero VOC Interior Latex Eg-Shel, Semi-Gloss	B20 & B31-2650 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
Solo 100% Acrylic Interior/Exterior Eg-Shel	A75-51 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
Solo 100% Acrylic Interior/Exterior Semi-Gloss & Gloss	A76 & A77-51 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
Pro Industrial Acrylic Coating, Gloss	B66-600 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial Acrylic Coating, Semi-Gloss	B66-650 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial Acrylic Coating, Eg-Shel	B66-660 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial Water Based Catalyzed Epoxy Gloss	B73-300 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial Water Based Catalyzed Epoxy Eg-Shel	B73-360 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Drywall Primer	B28W08150	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® Conditioner Clear & Guide Coat White	A24V01100 /A24W01100	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® Block Filler	B25W00025	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
Pro Industrial™ Pro-Cryl Acrylic Primer Off White	B66W00310	Certified	0.5 mg/m3 or less	P,S,U	<100 g/L
ProMar® 200 Zero VOC Interior Latex Primer	B28W02600	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
ProMar 400 Zero VOC Interior Latex Primer	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

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 comply with California Department of Public Health “Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1” (CA Section 01350). For more information, see <http://www.cal-iaq.org/separator/voc/voc-publications>. Building products and Interior finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.1-2010 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/gg. Certificates can be found on: greenguard.org or UL.com/GG

P,S,U= Primer, Sealer, Undercoater

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

†Refer to the current MSDS/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, Low-Emitting Materials
Indoor environmental Quality credit

updated 02/01/14

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 into 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, 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:

- 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.

**LEED®v4 Healthcare & Schools
California Air Resources Board (CARB) 2007 Suggested Control Measures (SCM)
for Architectural Coatings
Contributes toward satisfying Compliant Exterior Coatings**

**updated
2/1/2014**

SUBSTRATE	PRODUCTS	CARB 2007 SCM 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	DuraCraft™ Exterior Flat, C01-Series	FLAT	<50 g/L
1,3,4,6,7,13	Duration® Exterior Acrylic Flat, K32-250 Series	FLAT	<50 g/L
1,3,4,6,7,13	Emerald Exterior Flat, K47-50 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, A80-100 Series	FLAT	<50 g/L
1,3,4,6,7,13	Solo® 100% Acrylic Interior/Exterior Flat, A74-51 series	FLAT	<50 g/L
9,10	Porch & Floor Enamel, A32-Series	FLOOR	<50 g/L
4,5,6	Pro Industrial™ Pro-Cryl® Universal Acrylic Primer B66-310 Series	INDUSTRIAL MAINTENANCE	<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	DuraCraft™ Exterior Satin, C07 & Gloss, C14 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Duration Exterior Satin, K33-250 & Gloss K34-250 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Emerald Exterior Satin, K48-50 & Gloss K49-50 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Resilience™ Latex Satin & Gloss, K43 & K44 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Solo 100% Acrylic Int/Ext Eg-Shel, S/Gloss & Gloss, A75, A76 & A77-51 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	SuperPaint® Exterior Satin & Gloss, A89-1100 & A84 Series	NON-FLAT	<50 g/L
7	Exterior Latex Primer, B42W8041	P,S,U	<100 g/L
1,3	Loxon Concrete & Masonry Primer/Sealer, A24W8300	P,S,U	<100 g/L
1,2,3	Loxon® Conditioner A24-1100 Series	P,S,U	<50 g/L
1,3	Loxon® Block Surfacer, A24W200	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
1,3	PrepRite® Block Filler, B25W25	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
1,3	Loxon Vertical Concrete Stain, A31 Series	STAIN	<50 g/L
7	WoodScapes® Solid Color Stain, A15 Series	STAIN	<100 g/L
12	Pro-Park™ Waterborne Traffic Marking B97 Series	TRAFFIC COATINGS	<50 g/L
1,3	ConFlex XL Elastomeric High Build Coating, A5-400 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	Loxon 7% Siloxane Water Repellant, A10T7	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	Loxon® XP Waterproofing System, A24-1400 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	Sher Crete® Flexible Concrete Waterproofer, A5 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	Sherlastic® Elastomeric Coating, A5W651	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 MSDS/EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

California Department of Health Services CDPH v1.1 Acceptable Product List		updated 2/1/14	
PRODUCTS	GREENGUARD Gold	CDPH Method V1.1 (CA01350)	
Cashmere Interior Acrylic Flat, Low Lustre, Pearl & Medium Lustre, D16, D17, D15 & D18-150 Series	Certified	YES	
ColorCast Ecotoners™	Certified	YES	
Dry Erase Coating, KB65C2000	Certified	YES	
Drywall Primer Interior , B28W08150	Certified	YES	
EcoSelect Interior Flat, Eg-Shel & Semi-Gloss A21, A22 & A20 Series	Certified	YES	
Emerald Interior Matte, K36 Series	Certified	YES	
Emerald Interior Satin, K37 Series	Certified	YES	
Emerald Interior Semi-Gloss, K38 Series	Certified	YES	
Eminence® Ceiling Paint, A27W01815	Certified	YES	
Harmony Interior Latex Eg-Shel, B9 Series	Certified	YES	
Harmony Interior Latex Flat, B5 Series	Certified	YES	
Harmony Interior Latex Primer, B11	Certified	YES	
Harmony Latex Semi-Gloss, B10 Series	Certified	YES	
Loxon® Conditioner Clear & Guide Coat White A24-1100 Series	Certified	YES	
Multi-Purpose Latex Primer, B51-450 series	Certified	YES	
Multi-Purpose Waterbased Acrylic-Alkyd Primer, B79W450	Certified	YES	
PrepRite® Block Filler, B25W25	Certified	YES	
PrepRite ProBlock Latex Primer, B51-620 Series	Certified	YES	
ProMar® 200 Zero VOC Interior Latex Eg-Shel, B20-2600 Series	Certified	YES	
ProMar® 200 Zero VOC Interior Latex Flat, B30-2600 Series	Certified	YES	
ProMar® 200 Zero VOC Interior Latex Low Sheen, B24-2600 Series	Certified	YES	
ProMar® 200 Zero VOC Interior Latex Semi-Gloss, B31-2600 Series	Certified	YES	
ProMar® 200 Zero VOC Primer, B28W2600	Certified	YES	
ProMar® 400 Zero VOC Interior Latex Eg-Shel, B20-4600 Series	Certified	YES	
ProMar® 400 Zero VOC Interior Latex Flat, B30-4600 Series	Certified	YES	
ProMar® 400 Zero VOC Interior Latex Low Sheen, B24-4600 Series	Certified	YES	
ProMar® 400 Zero VOC Interior Latex Semi-Gloss, B31-4600 Series	Certified	YES	
ProMar® 400 Zero VOC Primer, B28W4600	Certified	YES	
Pro Industrial Acrylic Coating, B66-600 Series	Certified	YES	
Pro Industrial Water Based Catalyzed Epoxy, B73-300 Series	Certified	YES	
Pro Industrial™ Pro-Cryl® Universal Primer Off White, B66W310	Certified	YES	
Quick Dry Stain Blocking Primer, B51W8670	Certified	YES	
Solo 100% Acrylic Interior/Exterior Eg-Shel, A75-50 Series	Certified	YES	
Solo 100% Acrylic Interior/Exterior Flat, A74-50 Series	Certified	YES	
Solo 100% Acrylic Interior/Exterior Gloss, A77-50 Series	Certified	YES	
Solo 100% Acrylic Interior/Exterior Semi-Gloss, A76-51 Series	Certified	YES	
Stampede 1TX	Certified	YES	
Tuff Surface Knock Down Texture, A44W50	Certified	YES	
Water Blocking Primer/Finish, B72W8010	Certified	YES	
Waterborne Acrylic DryFall -Eg-Shel White, B42W82	NO	YES	
Waterborne Acrylic DryFall -Flat White, B42W181	NO	YES	
Waterborne Acrylic DryFall -Semi-Gloss White, B42W83	NO	YES	

Standard method for the testing and evaluation of volatile organic chemical emissions from indoor sources using environmental chambers version 1.1 This credit requires products to be tested in accordance with the California Department of Health Services (CDHS) V1.1. Section 6 of the CDHS Standard Practice defines the provisions 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 comply with California Department of Public Health “Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1” (CA Section 01350). For more information, see <http://www.cal-iaq.org/separators/voc/voc-publications>.

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

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

CaGBC LEED® Canada-CI v1.0 9/2006 Contributes toward satisfying EQ Credit 4.2			updated 2/1/14
SUBSTRATE	PRODUCTS	LEED CATEGORY^	PRODUCT VOCs†
1,2,4,5,6	Pro Industrial Waterbased DryFall Flat, B42W181 & B42B81	DRY FOG	<50 g/L
1,2,4,5,6	Pro Industrial Waterbased DryFall Eg-Shel, B42W82 & Semi-Gloss B42W83	DRY FOG	<50 g/L
1,3,8	Builders Solution™ Interior Latex Flat, A61W151	FLAT	<50 g/L
1,3,7,8	Duration Home® Interior Latex Coating Matte, 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 Matte, K36 Series	FLAT	<50 g/L
1,3,7,8	Harmony® Interior Flat Latex, 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 & Low Sheen B24-2600 Series	FLAT	<50 g/L
1,3,7,8	ProMar® 400 Zero VOC Interior Latex Flat, B30-4600 Series, Low Sheen, B24-4600	FLAT	<50 g/L
1,3,7,8	Qualikote Interior Latex Flat, B30WQ8151 & Satin, B30WQ8851	FLAT	<50 g/L
1,3,7,8	Solo 100% Acrylic Interior/Exterior Flat, A74-51 Series	FLAT	<50 g/L
9,10	Porch & Floor Enamel, A32 Series	FLOOR	<50 g/L
1,2,3,4,5,6,8	All Surface Enamel HP Acrylic Gloss, Semi-Gloss, & Satin, A41, A42 & A43 Series	NON-FLAT	<50 g/L
1,3,7,8	Duration Home Interior Latex Coating Satin, A97 & 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	Harmony® Interior Eg-Shel & Semi-Gloss Latex, B9 & B10 Series	NON-FLAT	<50 g/L
1,3,7,8	Opulence Interior Acrylic Eg-Shel, Pearl & Semi-Gloss, D17, D15 & D18-8151 Series	NON-FLAT	<50 g/L
1,3,4,6,7,8	ProClassic™ Interior Waterbased Acrylic-Alkyd Satin & Semi-Gloss, B33 & B33-8850 Series	NON-FLAT	<50 g/L
1,2,3,4,5,6,8	Pro Industrial Water Based Catalyzed Epoxy, B73-300 Series	NON-FLAT	<50 g/L
4,5,6,	Pro Industrial™ Pro-Cryl® Universal Acrylic Primer B66-310 Series	NON-FLAT	<100 g/L
1,3,7,8	ProMar® 200 Zero VOC Latex Eg-Shel, B20-2600 & Semi-Gloss, B31-2600 Series	NON-FLAT	<50 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	Solo 100% Acrylic Interior/Exterior Eg-Shel, Semi-Gloss & Gloss, A75-51, A76-51 & A77-51 Series	NON-FLAT	<50 g/L
1,3,4,6,8	Waterbased Acrolon 100, B65W721 Series	NON-FLAT	<100 g/L
8	Harmony® Interior Latex Primer, B11 Series	P,S,U	<50 g/L
1,3	Loxon® Block Surfacer, A24-200	P,S,U	<100 g/L
1,2,3	Loxon® Concrete & Masonry Primer/Sealer, A24-8380 Series	P,S,U	<100 g/L
1,2,3	Loxon® Conditioner , Clear & Guide Coat White, A24-1100 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
1,3	PrepRite® Block Filler, B25WQ8025	P,S,U	<50 g/L
1,2,3,4,7,8	PrepRite® ProBlock Int/Ext Latex Primer/Sealer, B51-620	P,S,U	<50 g/L
8	ProMar® 200 Zero VOC Latex Primer, B28-2600	P,S,U	<50 g/L
8	ProMar® 400 Zero Latex Primer, B28-4600	P,S,U	<50 g/L
8	Qualikote Latex Primer, B28WQ8001	P,S,U	<50 g/L
7,8,11	White Pigmented Shellac Primer, B49-8850	SHELLACS	<550 g/L
7	WoodClassic® Waterbased Polyurethane, A68 Series	VARNISH	<350 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 | |

Per CaGBC: Interior paints and coating applied on-site must meet the limitations and restrictions concerning chemical components set by the following standards: Topcoat Paints: Green Seal Standard GS-11, Paints, First Edition, January 1997*. Anti-Corrosive and Anti-Rust Paints: Green Seal Standard GS-03, Anti-Corrosive Paints, Second Edition, January 7, 1997. For applications on ferrous metal substrates. All other Architectural Coatings, Primers and Undercoats: South Coast Air Quality Management District (SCAQMD) Rule 1113, Architectural Coatings, rules in effect on January 1, 2004.

*GS-11 First edition is dated 1993 and was not updated in 1997.

P,S,U= Primer, Sealer, Undercoater

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

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

CaGBC LEED® Canada-NC New Construction 2009 6/2010
Contributes toward satisfying IEQ Credit 4.2

updated 2/1/14

SUBSTRATE	PRODUCTS	LEED 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, B42W82 & Semi-Gloss B42W83	DRY FOG	<50 g/L
1,3,8	Builders Solution™ Interior Latex Flat, A61W151	FLAT	<50 g/L
1,3,7,8	Duration Home® Interior Latex Coating Matte, 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 Matte, K36 Series	FLAT	<50 g/L
1,3,7,8	Harmony® Interior Flat Latex, 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 & Low Sheen B24-2600 Series	FLAT	<50 g/L
1,3,7,8	ProMar® 400 Zero VOC Interior Latex Flat, B30-4600 Series, Low Sheen, B24-4600	FLAT	<50 g/L
1,3,7,8	Qualikote Interior Latex Flat, B30WQ8151 & Satin, B30WQ8851	FLAT	<50 g/L
1,3,7,8	Solo 100% Acrylic Interior/Exterior Flat, A74-51 Series	FLAT	<50 g/L
9,10	Porch & Floor Enamel, A32 Series	FLOOR	<50 g/L
1,2,3,4,5,6,8	All Surface Enamel HP Acrylic Gloss, Semi-Gloss, & Satin, A41, A42 & A43 Series	NON-FLAT	<50 g/L
1,3,7,8	Duration Home Interior Latex Coating Satin, A97 & 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	Harmony® Interior Eg-Shel & Semi-Gloss Latex, B9 & B10 Series	NON-FLAT	<50 g/L
1,3,7,8	Opulence Interior Acrylic Eg-Shel, Pearl & Semi-Gloss, D17, D15 & D18-8151 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
1,3,7,8	ProMar® 200 Zero VOC Latex Eg-Shel, B20-2600 & Semi-Gloss, B31-2600 Series	NON-FLAT	<50 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
1,2,3,4,5,6,8	Pro Industrial Water Based Catalyzed Epoxy, B73-300 Series	NON-FLAT	<50 g/L
4,5,6,	Pro Industrial™ Pro-Cryl® Universal Acrylic Primer B66-310 Series	NON-FLAT	<100 g/L
1,3,7,8	Solo 100% Acrylic Interior/Exterior Eg-Shel, Semi-Gloss & Gloss, A75-51, A76-51 & A77-51 Series	NON-FLAT	<50 g/L
1,3,4,6,8	Waterbased Acrolon 100, B65W721 Series	NON-FLAT	<100 g/L
1,3,7,8	ProMar®200 Latex Gloss B21-2251 Series	NON-FLAT	<50 g/L
8	Harmony® Interior Latex Primer, B11 Series	P,S,U	<50 g/L
1,3	Loxon® Block Surfacer, A24-200	P,S,U	<100 g/L
1,2,3	Loxon® Concrete & Masonry Primer/Sealer, A24-8380	P,S,U	<100 g/L
1,2,3	Loxon® Conditioner A24-1100 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
1,3	PrepRite® Block Filler, B25W25	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, B28-2600	P,S,U	<50 g/L
8	ProMar® 400 Zero VOC Latex Primer, B28-4600	P,S,U	<50 g/L
8	Qualikote Latex Primer, B28WQ8001	P,S,U	<50 g/L
7,8,11	White Pigmented Shellac Primer, B49-8850	SHELLACS	<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 | |

IEQ Credit 4.2: Per CaGBC: Paints and coatings used on the interior of the building (i.e., inboard side of the weatherproofing system and applied on-site) must comply with the following criteria as applicable to the project scope: 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, First Edition, May 20, 1993. Flats: 50 g/L Non-Flats: 150 g/L 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, Second Edition, January 7, 1997. Clear wood finishes, floor coatings, stains, primers, 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.

P,S,U= Primer, Sealer, Undercoater

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

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

GGHC Green Guide for Health Care V2.2 Operations Section 2008 revision 12/2008 Contributes toward satisfying EP Credit 3.1-3.5 (Group8)			updated 2/1/14
SUBSTRATE	PRODUCTS	SCAQMD CATEGORY^	PRODUCT VOCs†
1,2,4,5,6	Pro Industrial Waterbased DryFall Flat, B42W181 & B42B81	DRY FOG	<50 g/L
1,2,4,5,6	Pro Industrial Waterbased DryFall Eg-Shel, B42W82 & Semi-Gloss B42W83	DRY FOG	<50 g/L
1,3,7,8	Duration Home® Interior Latex Matte, 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 Matte, 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 & Low Sheen B24-2600 Series	FLAT	<50 g/L
1,3,7,8	ProMar® 400 Zero VOC Interior Latex Flat, B30-4600 Series, Low Sheen, B24-4600	FLAT	<50 g/L
1,3,7,8	Solo 100% Acrylic Interior/Exterior Flat, A74-51 Series	FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior Flat, A86W150 series	FLAT	<50 g/L
9,10	Porch & Floor Enamel, A32-200 Series	FLOOR	<50 g/L
1,3	Heavy Duty Block Filler B42W46	INDUSTRIAL MAINTENANCE	<50 g/L
4,5,6	Pro Industrial Pro-Cryl® Universal Acrylic Primer B66-310 Series	INDUSTRIAL MAINTENANCE	<100 g/L
1,2,3,4,5,6,8	Pro Industrial Gloss, Semi-Gloss & Eg-Shel Acrylic Coating, B66-600 Series	INDUSTRIAL MAINTENANCE	<50 g/L
1,2,3,4,5,6,8	Pro Industrial Water Based Catalyzed Epoxy, B73-300 Series	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,8	Water Based Acrolon 100, B65-720 Series	INDUSTRIAL MAINTENANCE	<100 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	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, B33W851 & Semi-Gloss, B34W851	NON-FLAT	<50 g/L
1,3,7,8	ProMar® 200 Zero VOC Latex Eg-Shel, B20-2600 & Semi-Gloss, B31-2600 Series	NON-FLAT	<50 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	Solo 100% Acrylic Interior/Exterior Eg-Shel, Semi-Gloss & Gloss, A75-51, A76-51 & A77-51 Series	NON-FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior Satin, A87-1150 & Semi-Gloss A88-1150 Series	NON-FLAT	<50 g/L
8	Harmony Interior Latex Primer, B11	P,S,U	<50 g/L
1,3	Loxon® Block Surfacer, A24W200	P,S,U	<100 g/L
1,2,3	Loxon® Concrete & Masonry Primer/Sealer, A24W8300	P,S,U	<100 g/L
1,2,3	Loxon® Conditioner, Clear & Guide Coat White, A24-1100 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
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
1,3	PrepRite® Block Filler, B25W25	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
7,8	Premium Wall & Wood Primer, B28W8111	P,S,U	<50 g/L
7	Minwax Waterbased Polyurethane Varnish: Satin, Semi-Gloss, Gloss:	VARNISH	<275 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) | |
| (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall | |

EP Credit 3.1-3.5 Toxic Chemical Reduction: Facility Maintenance, Alterations & Additions (Group 8) Wall & Ceiling Finishes

• Paints and coatings used on the interior of the building (defined as inside of the weatherproofing system and applied on-site) shall not exceed the VOC content limits established in South Coast Air Quality Management District (SCAQMD) Rule 1113, Architectural Coatings, rules effective July 1, 2008, as per the July 13, 2007 amendment. **Paints (flat and non-flat, except anti-rust) 50g/L, Rust preventative paints & coatings 100g/L, Clear wood finishes: (varnish, lacquer or sanding sealers) 275g/L, Sealers: Waterproofing & all other 100g/L, Floor coatings 50g/L, Shellacs: Clear (avoid) 730g/L, Industrial Maintenance Coatings 100g/L, Shellacs: Pigmented (avoid) 550g/L, Low-Solids Coating 120g/L, Stains 100g/L, Primers and Undercoaters 100g/L, Waterproofing Concrete/Masonry Sealers 100g/L, Swimming pool coatings (avoid) 340g/L**

P,S,U= Primer, Sealer, Undercoater

^ Category classification based on SCAQMD Rule 1113, 2008 definitions.

†Refer to the current MSDS/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.

GGHC Green Guide for Health Care V2.2 Design & Construction January 2007 Contributes toward satisfying EQ Credit 4.2 Paint and Coatings				updated 2/1/14
SUBSTRATE	PRODUCTS	SCAQMD CATEGORY [^]	PRODUCT VOCs	GREENGUARD GOLD
1,2,4,5,6	Pro Industrial Waterbased DryFall Flat, B42W181 & B42B81	DRY FOG	<50 g/L	CDPH V1.1
1,2,4,5,6	Pro Industrial Waterbased DryFall Eg-Shel, B42W82 & Semi-Gloss B42W83	DRY FOG	<50 g/L	CDPH V1.1
1,3,7,8	EcoSelect Interior Flat, A21 Series	FLAT	<50 g/L	Certified
1,3,7,8	Emerald Interior Matte, K36 Series	FLAT	<50 g/L	Certified
1,3,7,8	Harmony Interior Latex Flat, B5 Series	FLAT	<50 g/L	Certified
1,3,7,8	ProMar® 200 Zero VOC Latex Flat B30-2600 & Low Sheen B24-2600 Series	FLAT	<50 g/L	Certified
1,3,7,8	ProMar® 400 Zero VOC Interior Latex Flat, B30-4600 Series, Low Sheen, B24-4600	FLAT	<50 g/L	Certified
1,3,7,8	Solo 100% Acrylic Interior/Exterior Flat, A74-51 Series	FLAT	<50 g/L	Certified
4,5,6	Pro Industrial Pro-Cryl® Universal Acrylic White Primer B66W310 Series	INDUSTRIAL MAINTENANCE	<100 g/L	Certified
1,2,3,4,5,6,8	Pro Industrial Gloss, Semi-Gloss & Eg-Shel Acrylic Coating, B66-600 Series	INDUSTRIAL MAINTENANCE	<50 g/L	Certified
1,2,3,4,5,6,8	Pro Industrial Water Based Catalyzed Epoxy, B73-300 Series	INDUSTRIAL MAINTENANCE	<50 g/L	Certified
1,3,8	EcoSelect Interior Eg-Shel & Semi-Gloss, A22 & A20 Series	NON-FLAT	<50 g/L	Certified
1,3,7,8	Emerald Interior Satin & Semi-Gloss, K37 & K38 Series	NON-FLAT	<50 g/L	Certified
1,3,7,8	Harmony Latex Eg-Shel, B9 Series & Harmony® Semi-Gloss, B10 Series	NON-FLAT	<50 g/L	Certified
1,3,7,8	ProMar® 200 Zero VOC Latex Eg-Shel, B20-2600 & Semi-Gloss, B31-2600 Series	NON-FLAT	<50 g/L	Certified
1,3,7,8	ProMar® 400 Zero VOC Latex Eg-Shel B20-4600, Semi-Gloss B31-4600 Series	NON-FLAT	<50 g/L	Certified
1,3,7,8	Solo 100% Acrylic Interior/Exterior Eg-Shel, Semi-Gloss & Gloss, A75, A76 & A77-51 Series	NON-FLAT	<50 g/L	Certified
8	Harmony Interior Latex Primer, B11	P,S,U	<50 g/L	Certified
1,2,3	Loxon® Conditioner , Clear & Guide Coat White, A24-1100 Series	P,S,U	<50 g/L	Certified
1,2,4,5,7,8	Multi-Purpose Latex Primer, B51-450 series	P,S,U	<50 g/L	Certified
7,8	Multi-Purpose Waterbased Acrylic-Alkyd Primer, B79W450	P,S,U	<50 g/L	Certified
8	ProMar® 200 Zero VOC Latex Primer, B28W2600	P,S,U	<50 g/L	Certified
8	ProMar® 400 Zero VOC Latex Primer, B28W4600	P,S,U	<50 g/L	Certified
1,2,4,5,7,8	PrepRite ProBlock Latex Primer, B51-620 Series	P,S,U	<50 g/L	Certified
1,2,3	Water Blocking Primer/Finish, B72W8010	P,S,U	<50 g/L	Certified
1,3	PrepRite® Block Filler, B25W25	P,S,U	<50 g/L	Certified

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) | |
| (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall | |

EQ4.2 Low-Emitting Materials: Wall & Ceiling Finishes Credit Goals

• Use only paints and coatings on the interior of the building that do not exceed the VOC limits of South Coast Air Quality Management District (SCAQMD) Rule 1113, Architectural Coatings, rules in effect for 7/1/2008, as indicated below. **Paints (flat and non flat, except anti rust) 50g/L, Rust preventative paints & coatings 100g/L, Clear wood finishes: (varnish, lacquer or sanding sealers) 275g/L, Sealers: Waterproofing & all other 100g/L, Primers and undercoaters 100g/L, Shellacs: Clear (avoid) 730g/L, Shellacs: Pigmented (avoid) 550g/L Swimming pool coatings (avoid) 340g/L, Stains 100g/L, Industrial Maintenance Coatings 100g/L, AND • Do not contain either of the following ingredients: • Polybrominated diphenyl ethers (PBDE) • Phthalates**

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

P,S,U= Primer, Sealer, Undercoater

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

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

Green Building Initiative™ Green Globes For New Construction v1.2

Contributes toward satisfying 3.7.2.1.3 Volatile Organic Compounds

updated 02/01/14

PRODUCTS	PRODUCT NUMBERS	GREENGUARD GOLD
ColorCast Ecotoner™ (CCE) Architectural Colorant	CCE-AC series	Certified
Pro Industrial Waterborne Acrylic Dryfall Flat	B42W00181	CDPH V1.1
Pro Industrial Waterborne Acrylic Dryfall Eg-Shel, Semi-Gloss	B42W00082, B42W00083	CDPH V1.1
Cashmere® Interior Flat	D16-150 Series	Certified
EcoSelect® Zero VOC Interior Latex Flat	A21W01851 & 853 Series	Certified
Emerald® Interior Latex Matte	K36-350 Series	Certified
Eminence® Interior Latex Flat Ceiling Paint	A27W01815	Certified
Harmony® Interior Flat Latex	B05-1050 Series	Certified
ProMar 200 Zero VOC Interior Latex Flat & Low Sheen	B30 & B24-2650 Series	Certified
ProMar 400 Zero VOC Interior Latex Flat & Low Sheen	B30 & B24-4650 Series	Certified
Solo® 100% Acrylic Interior/Exterior Flat	A74-51 Series	Certified
Tuff Surface™ Premium Texture Coating	A44W00050	Certified
Water Blocking Primer/Finish	B72W08010	Certified
AllSurface Enamel HP Eg-Shel, Semi-Gloss, Gloss	A43,A41 & A42Q-8050 Series	Certified
Cashmere Interior Low Lustre, Pearl, Medium Lustre	D17, D15 & D18-150 Series	Certified
Dry Erase Clear Gloss Coating	KB65C2000	Certified
EcoSelect Zero VOC Interior Latex Eg-Shel & Semi-Gloss	A22 & A20-850 Series	Certified
Emerald Interior Latex Satin & Semi-Gloss	K37 & K38-350 Series	Certified
Harmony Interior Eg-Shel & Semi-Gloss	B09 & B10-1050 Series	Certified
ProMar 200 Zero VOC Interior Latex Eg-Shel, Semi-Gloss	B20 & B31-2650 Series	Certified
ProMar 400 Zero VOC Interior Latex Eg-Shel, Semi-Gloss	B20 & B31-4650 Series	Certified
Solo 100% Acrylic Interior/Exterior Eg-Shel	A75-51 Series	Certified
Solo 100% Acrylic Interior/Exterior Semi-Gloss & Gloss	A76 & A77-51 Series	Certified
Pro Industrial Acrylic Coating, Gloss	B66-600 Series	Certified
Pro Industrial Acrylic Coating, Semi-Gloss	B66-650 Series	Certified
Pro Industrial Acrylic Coating, Eg-Shel	B66-660 Series	Certified
Pro Industrial Water Based Catalyzed Epoxy Gloss	B73-300 Series	Certified
Pro Industrial Water Based Catalyzed Epoxy Eg-Shel	B73-360 Series	Certified
Drywall Primer	B28W08150	Certified
Harmony Interior Latex Primer	B11W01500	Certified
Loxon® Conditioner Clear & Guide Coat White	A24V01100 /A24W01100	Certified
Multi-Purpose Latex Primer	B51-450 Series	Certified
Multi-Purpose Waterbased Acrylic Alkyd Primer	B79-450 Series	Certified
PrepRite® Block Filler	B25W00025	Certified
PrepRite® ProBlock® Int/Ext Latex Primer/Sealer	B51-620 Series	Certified
Pro Industrial™ Pro-Cryl Acrylic Primer Off White	B66W00310	Certified
ProMar® 200 Zero VOC Interior Latex Primer	B28W02600	Certified
ProMar 400 Zero VOC Interior Latex Primer	B28W04600	Certified
Quick Dry Interior/Exterior Stain Blocking Primer	B51W08670	Certified

3.7.2 Source Control and Measurement of Indoor Pollutants

3.7.2.1 Volatile Organic Compounds

3.7.2.1.3 Criteria:

Is there a requirement that paints will comply with prescribed limits of VOCs and/or be certified?

Answers:

- Yes (3 points)
- No (0 points)

Alternatively, projects can require that certain products have third-party certifications showing compliance to predetermined indoor air quality standards. Programs listed in ANSI/GBI 01-2010 Standard, Section 12.2.1.1 include the following:

GREENGUARD Children & Schools – GREENGUARD Environmental Institute

Program Manual For GREENGUARD Product Certification Programs, GG.PM.01 2009

GREENGUARD Environmental Institute: Standard Method for Measuring and Evaluating Chemical Emissions From Building Materials, Finishes and Furnishings Using Dynamic Environmental Chambers (GGTM.P066.R8, 10/29/2008)

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 comply with California Department of Public Health “Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1” (CA Section 01350). For more information, see <http://www.cal-iaq.org/separator/voc/voc-publications>. GREENGUARD Certified products are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com/gg. Certificates can be found on: greenguard.org or UL.com/GG

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

NGBS-National Green Building Standard™ ICC700-2012 Contributes toward satisfying 901.9.1 Interior Architectural Coatings				updated 2/1/14
SUBSTRATE	PRODUCTS	CATEGORY [^]	PRODUCT VOCs†	CARB Table 1
1,3,8	Builders Solution™ Interior Latex Flat, A61W151 & Matte, A64W51	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 Matte, 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 Matte, 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 & Low Sheen B24-2600 Series	FLAT	<50 g/L	Y
1,3,7,8	ProMar® 400 Zero VOC Latex Flat, B30-4600 Series, Low Sheen, B24-4600	FLAT	<50 g/L	Y
1,3,7,8	Property Solution™ Interior Flat, B30W3050	FLAT	<50 g/L	Y
1,3,7,8	Solo 100% Acrylic Interior/Exterior Flat, A74-51 Series	FLAT	<50 g/L	Y
1,3,8	Builders Solution® Interior Latex Eg-Shel, A62W51	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
1,3,4,6,7,8	ProClassic™ Interior Waterbased Acrylic-Alkyd Satin, B33 & S/G B34W851 series	NON-FLAT	<50 g/L	Y
1,3,7,8	ProMar® 200 Zero VOC Latex Eg-Shel, B20-2600 & Semi-Gloss, B31-2600 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 B31-4600 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 100% Acrylic Int/Ext Eg-Shel, Semi-Gloss & Gloss, A75, A76 & A77-51 Series	NON-FLAT	<50 g/L	Y
8	Harmony Interior Latex Primer, B11	P,S,U	<50 g/L	Y
1,2,3	Loxon® Concrete & Masonry Primer/Sealer, A24W8300	P,S,U	<100 g/L	Y
1,2,3	Loxon® Conditioner , Clear & Guide Coat White, A24-1100 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
1,3	PrepRite® Block Filler, B25W25	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 B66W310	P,S,U	<100 g/L	Y
7	WoodClassics 250 Stains, Minwax 250 Stains	OIL STAIN	<250 g/L	Y
7	Minwax Waterbased Polyurethane: Satin, Semi-Gloss, Gloss:71033/71032/71031	WOOD COATINGS	<275 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(3), 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 2012 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

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 MSDS/EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

VOC Content Limits For Architectural Coatings

ARB Suggested Control Measure for Architectural Coatings dated February 1, 2008 Table 1 VOC Content Limits for Architectural Coatings	updated 2/1/14	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)
Coating Category	Limits ^a (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 ^b	
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	

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

a. Limits are expressed as VOC Regulatory, thinned to the manufacturer's maximum thinning recommendation, excluding any colorant added to tint bases.

b. Limit is expressed as VOC Actual.

For more information visit: http://www.arb.ca.gov/coatings/arch/Approved_2007_SCM.pdf

CalGreen 2013 (California Green Building Standards): Title 24, Part 11
 Effective date January 1, 2014 **Contributes toward satisfying 5.504.4.3 & 4.504.2.2**

updated 2/1/14

PRODUCTS	CALGREEN CATEGORY	PRODUCT VOCs†	NON RESIDENTIAL 5.504.4.3 ^a	RESIDENTIAL 4.504.2.2 ^b
Pro Industrial Waterbased DryFall Flat, B42W181 & B42B81	DRY FOG	<50 g/L	YES	YES
Pro Industrial Waterbased DryFall Eg-Shel, B42W82 & Semi-Gloss B42W83	DRY FOG	<50 g/L	YES	YES
Cashmere® Interior D16-150 Series	FLAT	<50 g/L	YES	YES
Duration Home® Interior Latex Matte, A96-Series	FLAT	<50 g/L	YES	YES
EcoSelect Interior Flat, A21 Series	FLAT	<50 g/L	YES	YES
Emerald Interior Matte, 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 & Low Sheen B24-2600 Series	FLAT	<50 g/L	YES	YES
ProMar® 400 Zero VOC Interior Latex Flat, B30-4600 Series, Low Sheen, B24-4600	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 100% Acrylic Interior/Exterior Flat, A74-51 Series	FLAT	<50 g/L	YES	YES
Porch & Floor Enamel, A32-Series	FLOOR	<50 g/L	YES	YES
Pro Industrial Pro-Cryl® Universal Acrylic Primer B66-310 Series	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 Series	INDUSTRIAL MAINTENANCE	<50 g/L	YES	YES
Pro Industrial DTM Acrylic Eg-Shel, B66-1200 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
Harmony Latex Eg-Shel & S/G, B9 & B10 Series	NON-FLAT	<50 g/L	YES	YES
ProMar® 200 Zero VOC Latex Eg-Shel, B20-2600 & Semi-Gloss, B31-2600 Series	NON-FLAT	<50 g/L	YES	YES
ProMar® 200 & 400 Latex Gloss B21W2250, B21W4451 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, B33W851 & Semi-Gloss, B34W851	NON-FLAT	<50 g/L	YES	YES
Property Solution™ Interior Eg-Shel, B20W3050 & Semi-Gloss, B31W3060	NON-FLAT	<50 g/L	YES	YES
Solo 100% Acrylic Int/Ext Eg-Shel, Semi-Gloss & Gloss, A75-51, A76-51 & A77-51 Series	NON-FLAT	<50 g/L	YES	YES
Builders Solution™ Surfacer, A63W100	P,S,U	<100 g/L	YES	YES
Harmony Interior Latex Primer, B11	P,S,U	<50 g/L	YES	YES
Loxon® Block Surfacer, A24W200	P,S,U	<100 g/L	YES	YES
Loxon® Concrete & Masonry Primer/Sealer, A24W8300	P,S,U	<100 g/L	YES	YES
Loxon® Conditioner , Clear & Guide Coat White, A24-1100 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® Block Filler, B25W25	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
White Pigmented Shellac Primer, B49W8050	SHELLAC	<550 g/L	YES	YES
WoodClassics 250 Stains, Minwax® 250 Stains	STAIN	<250 g/L	YES	YES
Minwax Waterbased Polyurethane Varnish: Satin, Semi-Gloss, Gloss:	VARNISH	<275 g/L	YES	YES

^a Per 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.

^b Per 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 MSDS/EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

CalGreen 2013 (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 Effective 1/1/2012 NONRESIDENTIAL TABLE 5.504.4.3	updated 2/1/14
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 Effective 1/1/2012 RESIDENTIAL TABLE 4.504.3	updated 2/1/14
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

ASHRAE 189.1 The American Society of Heating, Refrigerating and Air-Conditioning Engineers. Contributes toward satisfying 8.4.2.2.1: Emissions Requirements.		updated 2/1/14		
PRODUCTS	GREENGUARD Gold	GREENGUARD certified®	CDPH Method 1.1 (CA01350)	
AllSurface HP Enamel Eg-Shel, Semi-Gloss & Gloss, A43, A41 & A42-Q8050 Series-Canada Only	Certified	Certified	YES	
Cashmere Interior Flat, Low Lustre, Pearl & Medium Lustre D16, D17, D15, D18-150 Series	Certified	Certified	YES	
ColorCast Ecotoners™	Certified	Certified	YES	
Dry Erase Coating, KB65C2000	Certified	Certified	YES	
Drywall Primer Interior Latex, B28W08150	Certified	Certified	YES	
EcoSelect Interior Flat, Eg-Shel, Semi-Gloss, A21, A22, A20	Certified	Certified	YES	
Emerald Interior Matte, Satin, Semi-Gloss, K36, K37, K38 Series	Certified	Certified	YES	
Eminence™ Ceiling Paint, A27W01815	Certified	Certified	YES	
Harmony Interior Latex Eg-Shel, B9 Series	Certified	Certified	YES	
Harmony Interior Latex Flat, B5 Series	Certified	Certified	YES	
Harmony Interior Latex Primer, B11	Certified	Certified	YES	
Harmony Latex Semi-Gloss, B10 Series	Certified	Certified	YES	
Loxon® Conditioner A24-1100 Series	Certified	Certified	YES	
Multi-Purpose Latex Primer, B51-450 series	Certified	Certified	YES	
Multi-Purpose Waterbased Acrylic-Alkyd Primer, B79W450	Certified	Certified	YES	
PrepRite® Block Filler, B25W25	Certified	Certified	YES	
PrepRite ProBlock Latex Primer, B51-620 Series	Certified	Certified	YES	
ProMar® 200 Zero VOC Interior Latex Eg-Shel, B20-2600 Series	Certified	Certified	YES	
ProMar® 200 Zero VOC Interior Latex Flat, B30-2600 Series	Certified	Certified	YES	
ProMar® 200 Zero VOC Interior Latex Low Sheen, B24-2600 Series	Certified	Certified	YES	
ProMar® 200 Zero VOC Interior Latex Semi-Gloss, B31-2600 Series	Certified	Certified	YES	
ProMar® 200 Zero VOC Primer, B28W2600	Certified	Certified	YES	
ProMar® 400 Zero VOC Interior Latex Eg-Shel, B20-4600 Series	Certified	Certified	YES	
ProMar® 400 Zero VOC Interior Latex Flat, B30-4600 Series	Certified	Certified	YES	
ProMar® 400 Zero VOC Interior Latex Low Sheen, B24-4600 Series	Certified	Certified	YES	
ProMar® 400 Zero VOC Interior Latex Semi-Gloss, B31-4600 Series	Certified	Certified	YES	
ProMar® 400 Zero VOC Primer, B28W4600	Certified	Certified	YES	
Pro Industrial™ Acrylic Coating, B66-600 Series	Certified	Certified	YES	
Pro Industrial™ Water Based Catalyzed Epoxy, B73-300 Series	Certified	Certified	YES	
Pro Industrial™ Pro-Cryl® Universal Primer Off White, B66W310	Certified	Certified	YES	
Quick Dry Stain Blocking Primer, B51W8670	Certified	Certified	YES	
Solo 100% Acrylic Interior/Exterior Eg-Shel, A75-50 Series	Certified	Certified	YES	
Solo 100% Acrylic Interior/Exterior Flat, A74-50 Series	Certified	Certified	YES	
Solo 100% Acrylic Interior/Exterior Gloss, A77-50 Series	Certified	Certified	YES	
Solo 100% Acrylic Interior/Exterior Semi-Gloss, A76-51 Series	Certified	Certified	YES	
Stampede ITX	Certified	Certified	YES	
Tuff Surface Knock Down Texture, A44W50	Certified	Certified	YES	
Water Blocking Primer/Finish, B72W8010	Certified	Certified	YES	
Waterborne Acrylic DryFall -Eg-Shel White, B42W82	NO	NO	YES	
Waterborne Acrylic DryFall -Flat White, B42W181	NO	NO	YES	
Waterborne Acrylic DryFall -Semi-Gloss White, B42W83	NO	NO	YES	

8.4.2.2 Per ASHRAE 189.1: Paints and Coatings. Products in this category include 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. Paint and Coatings used on the interior of the building (defined as inside the weatherproofing system and applied on-site) shall comply with either Section 8.4.2.2.1 or 8.4.2.2.2

8.4.2.2.1 Emissions Requirements. Emissions shall be determined according to CDPH/EHLB/Standard Method V1.1 (commonly referred to 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 comply with California Department of Public Health “Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1” (CA Section 01350).

For more information, see <http://www.cal-iaq.org/separator/voc/voc-publications>.

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

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 2/1/14
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
17	Multi-Purpose Primer/Sealer, B51W450	PRIMERS & UNDERCOATERS	YES	YES	YES	<50 g/L
17	PrepRite Problock Interior/Exterior Latex Primer, B51W620	PRIMERS & UNDERCOATERS	YES	YES	YES	<50 g/L
39	Multi-Purpose Primer/Sealer, B51W450	PRIMERS & UNDERCOATERS	YES	YES	YES	<50 g/L
43	ProMar 400 Zero VOC Semi-Gloss, B31W2651	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
43	Cashmere Interior Acrylic Latex Pearl, D15W151	INT/NON-FLAT	YES	YES	YES	<50 g/L
43	EcoSelect Interior Latex Semi-Gloss, A20W00851	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
44	ProMar 400 Zero VOC Eg-Shel, B20W4651	INT/NON-FLAT	YES	YES	YES	<50 g/L
44	Harmony® Interior Latex Eg-Shel, B9	INT/NON-FLAT	YES	YES	YES	<50 g/L
44	EcoSelect Interior Latex Eg-Shel, A22W00851	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
50	Quick Dry Stainblocking Primer	PRIMERS & UNDERCOATERS	YES	YES	YES	<50 g/L
52	ProMar 200 Zero VOC Latex Eg-Shel, B20W2651	INT/NON-FLAT	YES	YES	YES	<50 g/L
53	Emerald Interior Acrylic Flat, K36W351	INT/FLAT	YES	YES	YES	<50 g/L
53	Harmony® Interior Latex Flat, B5	INT/FLAT	YES	YES	YES	<50 g/L
53	Solo Int/Ext 100% Acrylic Flat, A74W51	INT/FLAT	YES	YES	YES	<50 g/L
53	Cashmere Interior Acrylic Flat Enamel, D16W151	INT/FLAT	YES	YES	YES	<50 g/L
54	Emerald Interior Acrylic Semi-Gloss, K38W351	INT/NON-FLAT	YES	YES	YES	<50 g/L
54	Solo Int/Ext 100% Acrylic Semi-Gloss, A76W51	INT/NON-FLAT	YES	YES	YES	<50 g/L
54	Cashmere Interior Acrylic Medium Lustre D18W151	INT/NON-FLAT	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
137	Multi-Purpose Latex Primer, B51W450	SPECIALITY PRIMERS	YES	YES	YES	<50 g/L
141	Emerald Interior Acrylic Semi-Gloss, K38W351	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
143	Harmony® Interior Latex Flat, B5	INT/FLAT	YES	YES	YES	<50 g/L
143	Emerald Interior Acrylic Flat, K36W351	INT/FLAT	YES	YES	YES	<50 g/L
144	Harmony® Interior Latex Eg-Shel, B9	INT/NON-FLAT	YES	YES	YES	<50 g/L
144	ProMar® 200 Zero VOC Latex Low Sheen, B24W2651	INT/NON-FLAT	YES	YES	YES	<50 g/L
147	Emerald Interior Acrylic Semi-Gloss, K38W351	INT/NON-FLAT	YES	YES	YES	<50 g/L
147	Pro Industrial Acrylic Semi-Gloss Coating, B66W651	INT/NON-FLAT	YES	YES	YES	<50 g/L
148	Pro Industrial Acrylic Gloss Coating, B66W611	INT/NON-FLAT	YES	YES	YES	<50 g/L
149	Harmony® Interior Latex Primer, B11	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
153	Pro Industrial Acrylic Semi-Gloss Coating, B66W651	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
172	Multi-Purpose Waterbased Acrylic-Alkyd Primer B79W450	PRIMERS & UNDERCOATERS	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.

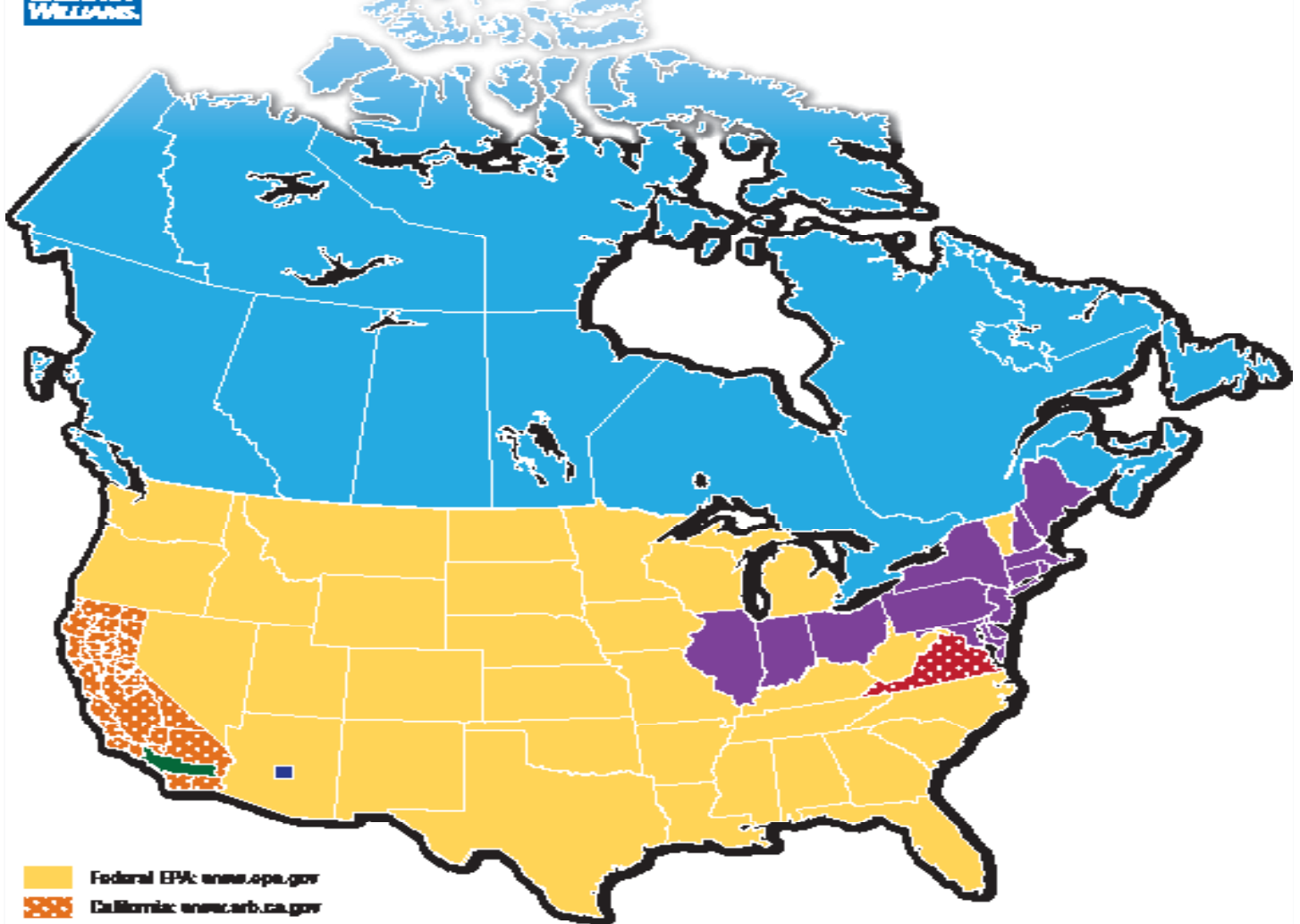
MPI's X-Green Performance Standard simplifies the process of specifying environmentally-safe interior high quality architectural coatings by establishing 'X-Green' editions of MPI's existing paint categories. X-Green certification requires performance i.e. as it relates to durability; VOC <50 g/L; reduced or zero quantities of various undesirable chemical components; and certification of emissions compliance to CHPS (Collaborative for High Performance Schools).

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



VOC Regulated Locations

(as of 1/1/2014)



- Federal EPA: www.epa.gov
- California: www.arb.ca.gov
- ITIC Model Rule: www.iticair.org
- Maricopa County, Arizona: www.maricopa.gov
- California SCAQMD – South Coast Air Quality Management District: www.scaqmd.gov
- Canada VOC Rule: www.ec.gc.ca
- Virginia: www.deq.virginia.gov

For most VOC information, refer to the website as indicated.

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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 JOAQUIN, SAN MATEO, SANTA CLARA, SOLANO, SONOMA, STANISLAUS, TULARE, VENTURA COUNTIES (MOJAVE DESERT; PARTS OF SAN BERNARDINO 1-1-2013)
(MONTEREY BAY UNIFIED APCD: SAN BENITO, MONTEREY, SANTA CRUZ 8-15-2012)
ANTELOPE VALLEY AQMD: 6/18/2014

California-CARB (California Air Resources Board) Architectural Coatings-2000 SCM (Suggested Control Measure): The Counties below are under the previous SCM with an effective date between 2003 and 2007 CARB VOC CONTENT LIMIT: BUTTE, COLUSA, SACRAMENTO, SAN DIEGO, SAN LUIS OBISPO SANTA BARBARA, SHASTA, SOLANO SUTTER, TEHAMA, YOLO, YUBA COUNTIES

California-SCAQMD (South Coast Air Quality Management District) RULE 1113 Architectural Coatings-: The Counties below are under Rule 1113 with an effective date 1/1/2014 VOC CONTENT LIMIT: LOS ANGELES, ORANGE, RIVERSIDE AND PARTS OF SAN BERNARDINO

Virginia DEQ (Department of Environmental Quality) 9VAC5 CHAPTER 45 CONSUMER AND COMMERCIAL PRODUCTS:
Cities/Countries 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/Countries below have an effective date 3/1/2014:
CHARLES CITY, ESTERFIELD, DINWIDDIE, PETERSBURG NATIONAL BATTLE, 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

*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.

CARB VOC Rules

updated 1/1/14

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, SACRAMENTO, SAN DIEGO, SAN LUIS OBISPO, SANTA BARBARA, SHASTA SUTTER, TEHAMA, YOLO, YUBA COUNTIES	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 JOAQUIN, SAN MATEO, SANTA CLARA, SOLANO, SONOMA, STANISLAUS, TULARE, VENTURA COUNTIES (MOJAVE DESERT; PARTS OF SAN BERNARDINO 1-1-2013) (MONTEREY BAY UNIFIED APCD: SAN BENITO, MONTEREY, SANTA CRUZ 8-15-2012) ANTELOPE VALLEY AQMD: 6/18/2014
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	250 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 Enamels:	250 g/L	N/A (see Flat , Non-Flat, High Gloss choices)
Quick-Dry Primers, Sealers and Undercoaters	200 g/L	N/A (see other choices)
Rust Preventive Coatings	400 g/L	250 g/L
Shellacs: Clear	730 g/L	730 g/L
Shellacs: 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: see Wood Coatings	350 g/L	N/A (see Wood Coatings)
Waterproofing Sealers	250 g/L	N/A (see other choices)
Waterproofing Concrete/Masonry Sealers	400 g/L	N/A (see Concrete & Masonry Sealers)
Wood Coatings	N/A	275 g/L
Wood Preservatives	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 OTC, 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>

CARB-2007 SCM Compliant Interior Industrial Maintenance Floor Coatings			updated 1/1/14
SUBSTRATE	PRODUCTS	CARB CATEGORY	PRODUCT VOCs†
9	ArmorSeal® 33 Epoxy Primer/Sealer B58AQ33 Series	INDUSTRIAL MAINTENANCE	<100 g/L
9,10	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® Floor-Plex® 7100 Waterbased Primer B70W410	INDUSTRIAL MAINTENANCE	<250 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
9,10	ArmorSeal® Tread-Plex™ Primer B90W110	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 MSDS/EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

CARB-2007 SCM Compliant Industrial Maintenance Coatings				updated 1/1/14
SUBSTRATE	PRODUCTS	INTERIOR/ EXTERIOR	CARB CATEGORY	PRODUCT VOCs†
4,5,6	Bond-Plex Waterbased Acrylic, B71W211&T204	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,2,3,4,6,7	DTM Acrylic Coating B66-100/200 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<250 g/L
4,5,6	DTM Acrylic Primer/Finish B66W1	INT/EXT	INDUSTRIAL MAINTENANCE	<150 g/L
4,5	DTM Wash Primer B71Y1	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,3	Heavy Duty Block Filler, B42W46	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
4,6	Hi-Solids Polyurethane 100 Gloss/Semi-Gloss, B65-625/630 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,3,4,6,8	HydroGloss Waterbased Urethane, B65W181 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™ DTM Acrylic Coating Eg-Shel, B66-1200	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,2,3,4,6,7,8	Pro Industrial™ Multi-Surface Acrylic, B66-500 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<150 g/L
1,3,4,6,7,8	Pro Industrial™ Pre-Catalyzed W/B Epoxy Eg-Shel & Semi-Gloss, K45W150 & K46W150 Series	INT	INDUSTRIAL MAINTENANCE	<150 g/L
4,5,6	Pro Industrial™ Pro-Cryl® Universal Acrylic Primer B66-310 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,2,3,4,5,6,8	Pro Industrial Acrylic Coating, B66-600 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	Water Based Acrolon 100, B65-720 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,3,4,6,7,8	Water Based Catalyzed Epoxy B70 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<200 g/L
1,3,4,6,7,8	Waterbased Industrial Enamel, B53-300 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 MSDS/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 SCM Compliant Interior Coatings			updated 1/1/14
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, 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 Matte, 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 Matte, 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 & Low Sheen B24-2600 Series	FLAT	<50 g/L
1,3,7,8	ProMar® 400 Zero VOC Interior Latex Flat, B30-4600 Series, Low Sheen, B24-4600	FLAT	<50 g/L
1,3,7,8	Property Solution™ Interior Flat, B30W3050	FLAT	<50 g/L
1,3,7,8	Solo 100% Acrylic Interior/Exterior Flat, A74-51 Series	FLAT	<50 g/L
1,3,7,8	SuperPaint Interior Flat, A86W150 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, Pearl & Medium Lustre, D17, 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 Interior Satin & Semi-Gloss, 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, B33W851 & Semi-Gloss, B34W851	NON-FLAT	<50 g/L
1,3,4,6,7,8	ProClassic® Waterborne Acrylic Satin, S/G, B20-1150, B31-1150 Series	NON-FLAT	<50 g/L
1,3,7,8	ProMar® 200 Zero VOC Latex Eg-Shel, B20-2600 & Semi-Gloss, B31-2600 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	SuperPaint® Interior Satin, A87-1150 & Semi-Gloss A88-1150 Series	NON-FLAT	<50 g/L
1,3,7,8	Solo 100% Acrylic Interior/Exterior Eg-Shel, Semi-Gloss & Gloss, A75-51, A76-51 & A77-51 Series	NON-FLAT	<50 g/L
8	Builders Solution™ Surfacer, A63W100	P,S,U	<100 g/L
8	Harmony Interior Latex Primer, B11	P,S,U	<50 g/L
1,2,3	Loxon® Concrete & Masonry Primer/Sealer, A24W8300	P,S,U	<100 g/L
1,2,3	Loxon® Conditioner A24-1100 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
1,3	PrepRite® Block Filler, B25W25	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	WoodClassics 250 Stains, Minwax 250 Stains	STAINS	<250 g/L
7	Minwax Waterbased Polyurethane: Satin, Semi-Gloss, Gloss: 710337/710320/710313 Series	WOOD COATINGS	<275 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 |

P,S,U= Primer, Sealer, Undercoater

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

CARB-2007 SCM Compliant Exterior Coatings

updated 1/1/14

SUBSTRATE	PRODUCTS	CARB CATEGORY	PRODUCT VOCs†
1,3	ConFlex XL Elastomeric High Build Coating, A5-400 Series	CONCRETE & MASONRY SEALER	<50 g/L
1,3	ConFlex XL Textured Elastomeric High Build Coating, A5-800 series	CONCRETE & MASONRY SEALER	<100 g/L
1,3	Loxon 7% Siloxane Water Repellant, A10T7	CONCRETE & MASONRY SEALER	<50 g/L
1,3	Loxon® XP Waterproofing System, A24-1400 Series	CONCRETE & MASONRY SEALER	<50 g/L
1,3	Sher-Crete® Flexible Concrete Waterproofer, A5 Series	CONCRETE & MASONRY SEALER	<50 g/L
1,3	Sherlastic® Elastomeric Coating, A5W651	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	DuraCraft™ Exterior Flat, C01-Series	FLAT	<50 g/L
1,3,4,6,7,13	Duration® Exterior Acrylic Flat, K32-250 Series	FLAT	<50 g/L
1,3,4,6,7,13	Emerald™ Exterior Flat, K47-50 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, A80-100 Series	FLAT	<50 g/L
1,3,4,6,7,13	Solo 100% Acrylic Interior/Exterior Flat, A74-51 Series	FLAT	<50 g/L
9,10	Porch & Floor Enamel, A32-Series	FLOOR	<50 g/L
4,5,6	Pro Industrial™ Pro-Cryl® Universal Acrylic Primer B66-310 Series	INDUSTRIAL MAINTENANCE	<100 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	DuraCraft™ Exterior Satin, C07 & Gloss, C14 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Duration Exterior Satin, K33-250 & Gloss K34-250 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Emerald Exterior Satin, K48-50 & Gloss K49-50 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Resilience™ Latex Satin, Gloss K43 & K44 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Solo 100% Acrylic Interior/Exterior Eg-Shel, Semi-Gloss & Gloss, A75-51, A76-51 & A77-51 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	SuperPaint® Exterior Satin, Gloss, A89-1100 & A84 Series	NON-FLAT	<50 g/L
7	Exterior Latex Primer, B42W8041	P,S,U	<100 g/L
1,3	Loxon Concrete & Masonry Primer/Sealer, A24W8300	P,S,U	<100 g/L
1,2,3	Loxon® Conditioner A24-1100 Series	P,S,U	<50 g/L
1,3	Loxon Block Surfacers, A24W200	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
1,3	PrepRite Block Filler, B25W25	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	DeckScapes™ Exterior Acrylic Solid Color Deck Stain A15-150 Series	STAIN	<150 g/L
7,10	DeckScapes™ Exterior Waterborne Semi-Transparent Stain A15T215	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, A31 Series	STAIN	<50 g/L
7	WoodScapes® 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

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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 MSDS/EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

SCAQMD VOC Rules

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

updated 1/1/14

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
Low-Solids Coatings	120 g/L.* (1)
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

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

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 www.aqmd.gov

SCAQMD-Rule 1113 Compliant Interior Industrial Maintenance Floor Coatings			updated 1/1/14
SUBSTRATE	PRODUCTS	SCAQMD CATEGORY	PRODUCT VOCs†
9	ArmorSeal® 33 Epoxy Primer/Sealer B58AQ33 Series	INDUSTRIAL MAINTENANCE	<100 g/L
9,10	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
9,10	ArmorSeal® Tread-Plex™ Floor Finish B90 Series	INDUSTRIAL MAINTENANCE	<100 g/L
9,10	ArmorSeal® Tread-Plex™ Primer B90W110	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 MSDS/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 1/1/14
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	Heavy Duty Block Filler B42W46	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
4,6	Hi-Solids Polyurethane-100 Gloss/Semi-Gloss, B65-625/630 Series	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™ DTM Acrylic Coating Eg-Shel, B66-1200	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
4,5,6	Pro Industrial™ Pro-Cryl® Universal Acrylic Primer, B66-310 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,2,3,4,5,6,8	Pro Industrial Acrylic, Gloss, Semi-Gloss & Eg-Shel Coating, B66-600 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	Water Based Acrolon 100, B65-720 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
11	DTM Wash Primer, B71Y1	INT/EXT	INDUSTRIAL MAINTENANCE	<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 |
- Refer to the current MSDS/EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen

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 MSDS/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 1/1/14
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, B42W82 & S-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 Matte, 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 Matte, 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 & Low Sheen B24-2600 Series	FLAT	<50 g/L
1,3,7,8	ProMar® 400 Zero VOC Interior Latex Flat, B30-4600 Series, Low Sheen, B24-4600	FLAT	<50 g/L
1,3,7,8	Property Solution™ Interior Flat, B30W3050	FLAT	<50 g/L
1,3,7,8	Solo 100% Acrylic Interior/Exterior Flat, A74-51 Series	FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior Flat, A86W150 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 & 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 Interior Satin & Semi-Gloss, 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 Zero VOC Latex Eg-Shel, B20-2600 & Semi-Gloss, B31-2600 Series	NON-FLAT	<50 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
1,3,4,6,7,8	ProClassic™ Interior Waterbased Acrylic-Alkyd Satin, B33W851 & Semi-Gloss, B34W851	NON-FLAT	<50 g/L
1,3,4,6,7,8	ProClassic® Waterborne Acrylic Satin, S/G, B20-1150, B31-1150 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 100% Acrylic Int/Ext Eg-Shel, Semi-Gloss & Gloss, A75-51, A76-51 & A77-51 Series	NON-FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior Satin, Semi-Gloss A87-1150 & A88-1150 Series	NON-FLAT	<50 g/L
8	Builders Solution™ Surfacer, A63W100	P,S,U	<100 g/L
8	Harmony Interior Latex Primer, B11	P,S,U	<50 g/L
1,3	Loxon® Block Surfacer, A24W200	P,S,U	<100 g/L
1,2,3	Loxon® Concrete & Masonry Primer/Sealer, A24W8300	P,S,U	<100 g/L
1,2,3	Loxon® Conditioner A24-1100 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
1,3	PrepRite® Block Filler, B25W25	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 Primer, B28W2600	P,S,U	<50 g/L
8	ProMar® 400 Zero VOC Primer, B28W4600	P,S,U	<50 g/L
7	Minwax 250 Stains	STAIN, INTERIOR	<250 g/L
11	White Pigmented Shellac Primer, B49W8050	SHELLAC PIGMENTED	<550 g/L
7	Minwax Waterbased Polyurethane Varnish: Satin, Semi-Gloss, Gloss: 710337/710320/710313 series	VARNISH	<275 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 MSDS/EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

SCAQMD-Rule 1113 Compliant Exterior Coatings			updated 1/1/14
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	DuraCraft™ Exterior Flat, C01-Series	FLAT	<50 g/L
1,3,4,6,7,13	Duration® Exterior Acrylic Flat, K32-250 Series	FLAT	<50 g/L
1,3,4,6,7,13	Emerald Exterior Flat, K47-50 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, A80-100 Series	FLAT	<50 g/L
1,3,4,6,7,13	Solo® 100% Acrylic Interior/Exterior Flat, A74-51 series	FLAT	<50 g/L
9,10	Porch & Floor Enamel, A32-Series	FLOOR	<50 g/L
4,5,6	Pro Industrial™ Pro-Cryl® Universal Acrylic Primer B66-310 Series	INDUSTRIAL MAINTENANCE	<100 g/L
7,10	DeckScapes Exterior Waterborne Clear, A15T260	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	DuraCraft™ Exterior Satin, C07 & Gloss, C14 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Duration Exterior Satin, K33-250 & Gloss K34-250 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Emerald Exterior Satin, K48-50 & Gloss K49-50 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Resilience™ Latex Satin & Gloss, K43 & K44 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Solo 100% Acrylic Int/Ext Eg-Shel, Semi-Gloss & Gloss, A75, A76 & A77-51 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	SuperPaint® Exterior Satin & Gloss, A89-1100 & A84 Series	NON-FLAT	<50 g/L
7	Exterior Latex Primer, B42W8041	P,S,U	<100 g/L
1,3	Loxon Concrete & Masonry Primer/Sealer, A24W8300	P,S,U	<100 g/L
1,2,3	Loxon® Conditioner A24-1100 Series	P,S,U	<50 g/L
1,3	Loxon® Block Surfacer, A24W200	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
1,3	PrepRite® Block Filler, B25W25	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	DeckScapes™ Exterior Waterborne Semi-Transparent Stain A15T215	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, A31 Series	STAIN	<50 g/L
7	WoodScapes® 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, A5-400 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	Loxon 7% Siloxane Water Repellant, A10T7	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	Loxon® XP Waterproofing System, A24-1400 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	Sher-Crete® Flexible Concrete Waterproofing, A5 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	Sherlastic® Elastomeric Coating, A5W651	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 MSDS/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 1/1/14

	OTC 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

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.

OTC Compliant Interior Industrial Maintenance Floor Coatings			updated 1/1/14
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	<100 g/L
9,10	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® Floor-Plex® 7100 WB Primer B70W410	INDUSTRIAL MAINTENANCE	<250 g/L
9	ArmorSeal® Floor-Plex® 7100 WB Epoxy B70-400 Series	INDUSTRIAL MAINTENANCE	<340 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
9,10	ArmorSeal® Tread-Plex™ Primer B90W110	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.

* (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 MSDS/EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

OTC Compliant Industrial Maintenance Coatings				updated 1/1/14
SUBSTRATE	PRODUCTS	INTERIOR/ EXTERIOR	OTC CATEGORY	PRODUCT VOCs†
4,6	Acrolon™ 218 HS Polyurethane, B65-600 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<300 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
1,2,3,4,6,7	DTM Acrylic Coating B66-100/200 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<250 g/L
4,5,6	DTM Acrylic Primer/Finish B66W1	INT/EXT	INDUSTRIAL MAINTENANCE	<150 g/L
4,5	DTM Wash Primer B71Y1	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
4,6	Fast Clad® DTM Urethane, B65-850 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
1,3	Heavy Duty Block Filler B42W46	INT/EXT	INDUSTRIAL MAINTENANCE	<50 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
1,3,4,6,8	HydroGloss Waterbased Urethane, B65W181 series	INT/EXT	INDUSTRIAL MAINTENANCE	<250 g/L
6	Kem Bond HS Primer B50Z Series	INT/EXT	INDUSTRIAL MAINTENANCE	<320 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™ DTM Acrylic Coating Eg-Shel, B66-1200	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,7,8	Pro Industrial™ Multi-Surface Acrylic, B66-500 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<150 g/L
1,3,4,6,7,8	Pro Industrial™ Pre-Catalyzed W/B Epoxy Eg-Shel & S/G K45 & K46W150 Series	INT	INDUSTRIAL MAINTENANCE	<150 g/L
4,5,6	Pro Industrial™ Pro-Cryl® Universal Acrylic Primer B66-310 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,2,3,4,5,6,8	Pro Industrial Acrylic Coating, B66-600 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
6	Recoatable Epoxy Primer, B67-5 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
1,3,4,6,7,8	Sher-Cryl™ HPA Acrylic, B66-300 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<200 g/L
1,3,4,6,8	Water Based Acrolon 100, B65-720 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,3,4,6,7,8	Water Based Catalyzed Epoxy B70 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<200 g/L
1,3,4,6,7,8	Waterbased Industrial Enamel, B53-300 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 MSDS/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 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 MSDS/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 1/1/14
SUB-STRATE	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, 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, A61W151 Series & Matte, A64W51 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® Matte, 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 Matte, 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 & Low Sheen B24-2600 Series	FLAT	<50 g/L
1,3,7,8	ProMar® 400 Zero VOC Interior Latex Flat, B30-4600 Series, Low Sheen, B24-4600	FLAT	<50 g/L
1,3,7,8	Property Solution™ Interior Flat, B30W3050	FLAT	<50 g/L
1,3,7,8	Solo 100% Acrylic Interior/Exterior Flat, A74-51 Series	FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior Flat, A86W150 series	FLAT	<50 g/L
9,10	Porch & Floor Enamel, A32-200 series	FLOOR COATING	<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 & 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 Interior Satin & Semi-Gloss, 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, B33W851 & Semi-Gloss, B34W851	NON-FLAT	<50 g/L
1,3,4,6,7,8	ProClassic® Waterborne Acrylic Satin, Semi-Gloss, B20-1150, B31-1150 Series	NON-FLAT	<50 g/L
1,3,7,8	ProMar® 200 Zero VOC Latex Eg-Shel, B20-2600 & Semi-Gloss, B31-2600 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 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 100% Acrylic Interior/Exterior Eg-Shel, Semi-Gloss & Gloss, A75-51, A76-51 & A77-51 Series	NON-FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior Satin, A87-1150 & Semi-Gloss A88-1150 Series	NON-FLAT	<50 g/L
8	Harmony Interior Latex Primer, B11	P,S,U	<50 g/L
1,3	Loxon® Block Surfacer, A24W200	P,S,U	<100 g/L
1,2,3	Loxon® Concrete & Masonry Primer/Sealer, A24W8300	P,S,U	<100 g/L
1,2,3	Loxon® Conditioner A24-1100 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
1,3	PrepRite® Block Filler, B25W25	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, B49W8050	SHELLAC PIGMENTED	<550 g/L
7	WoodClassics 250 Stains, Minwax® 250 Stains	STAIN	<250 g/L
7	Minwax High Build Polyurethane, Gloss, Semi-Gloss, Satin	VARNISH	<350 g/L
7	Wood Classics® Waterborne Polyurethane Varnish, Gloss or Satin A68 Series	VARNISH	<350 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 MSDS/EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen

OTC Compliant Exterior Coatings			updated 1/1/14
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	DuraCraft™ Exterior Flat, C01-Series	FLAT	<50 g/L
1,3,4,6,7,13	Duration® Exterior Acrylic Flat, K32-250 Series	FLAT	<50 g/L
1,3,4,6,7,13	Emerald Exterior Flat, K47-50 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, A80-100 Series	FLAT	<50 g/L
1,3,4,6,7,13	Solo 100% Acrylic Interior/Exterior Flat, A74-51 Series	FLAT	<50 g/L
1,3	UltraCrete Acrylic Textured Masonry Topcoat (Fine,Med,Coarse)	FLAT	<100 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	DuraCraft™ Exterior Satin, C07 & Gloss, C14 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Duration Exterior Satin, K33-250 & Gloss K34-250 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Emerald Exterior Satin, K48-50 & Gloss K49-50 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 100% Acrylic Interior/Exterior Eg-Shel, Semi-Gloss & Gloss, A75-51, A76-51 & A77-51 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	SuperPaint® Exterior Satin, A89-1100 & Gloss, A84 Series	NON-FLAT	<50 g/L
7	Exterior Latex Primer, B42W8041	P,S,U	<100 g/L
1,3	Loxon Concrete & Masonry Primer/Sealer, A24W8300	P,S,U	<100 g/L
1,3	Loxon® Block Surfacer, A24W200	P,S,U	<100 g/L
1,3	Loxon® Conditioner, A24-1100 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
1,3	PrepRite® Block Filler, B25W25	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 Primer, Y24W8020	SPECIALTY PRIMER	<350 g/L
7,10	DeckScapes™ Exterior Acrylic Solid Deck Stain A15-150	STAIN	<150 g/L
7,10	DeckScapes™ Exterior Waterborne Semi-Transparent Stain A15T215	STAIN	<50 g/L
7,10	DeckScapes™ Exterior Oil-Based Semi/Transparent, A18C850	STAIN	<250 g/L
7,10	DeckScapes™ Exterior Oil-Based Toner, A18-800 Series	STAIN	<250 g/L
7	WoodScapes® Solid Color Stain, A15 Series	STAIN	<100 g/L
1,3	Loxon Vertical Concrete Stain, A31 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, A5-400 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	ConFlex XL Textured Elastomeric HB Coating, A5-800	WATERPROOFING Concrete/Masonry Sealers	<100 g/L
1,3	Loxon 7% Siloxane Water Repellant, A10T7	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	Loxon® XP Waterproofing System, A24-1400 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	Sher-Crete® Flexible Concrete Waterproofing, A5 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	Sherlastic® Elastomeric Coating, A5W651	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 MSDS/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 1/1/14

OHIO & ILLINOIS COATING CATEGORY	OHIO & ILLINOIS 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 New 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 New 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: epa.state.oh.us

OHIO & ILLINOIS Compliant Interior Industrial Maintenance Floor Coatings			updated 1/1/14
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	<100 g/L
9,10	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® Floor-Plex® 7100 Waterbased Primer B70W410	INDUSTRIAL MAINTENANCE	<250 g/L
9	ArmorSeal® Floor-Plex® 7100 Waterbased Epoxy B70-400 Series	INDUSTRIAL MAINTENANCE	<340 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
9,10	ArmorSeal® Tread-Plex™ Primer B90W110	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 MSDS/EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

OHIO & ILLINOIS Compliant Industrial Maintenance Coatings				updated 1/1/14
SUBSTRATE	PRODUCTS	INTERIOR/ EXTERIOR	OHIO & ILLINOIS CATEGORY	PRODUCT VOCs†
4,6	Acrolon™ 218 HS Polyurethane, B65-600 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<300 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
1,2,3,4,6,7	DTM Acrylic Coating B66-100/200 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<250 g/L
4,5,6	DTM Acrylic Primer/Finish B66W1	INT/EXT	INDUSTRIAL MAINTENANCE	<150 g/L
4,5	DTM Wash Primer B71Y1	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
4,6	Fast Clad® DTM Urethane, B65-850 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
1,3	Heavy Duty Block Filler B42W46	INT/EXT	INDUSTRIAL MAINTENANCE	<50 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
1,3,4,6,8	HydroGloss Waterbased Urethane, B65W181 series	INT/EXT	INDUSTRIAL MAINTENANCE	<250 g/L
6	Kem Bond HS Primer B50Z Series	INT/EXT	INDUSTRIAL MAINTENANCE	<320 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™ DTM Acrylic Coating Eg-Shel, B66-1200	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,7,8	Pro Industrial™ Multi-Surface Acrylic, B66-500 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<150 g/L
1,3,4,6,7,8	Pro Industrial™ Pre-Catalyzed W/B Epoxy Eg-Shel & Semi-Gloss K45W150 & K46W150 Series	INT	INDUSTRIAL MAINTENANCE	<150 g/L
4,5,6	Pro Industrial™ Pro-Cryl® Universal Acrylic Primer B66-310 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,2,3,4,5,6,8	Pro Industrial Acrylic Coating, B66-600 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
6	Recoatable Epoxy Primer, B67-5 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
1,3,4,6,7,8	Sher-Cryl™ HPA Acrylic, B66-300 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<200 g/L
1,3,4,6,8	Water Based Acrolon 100, B65-720 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,3,4,6,7,8	Water Based Catalyzed Epoxy B70 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<200 g/L
1,3,4,6,7,8	Waterbased Industrial Enamel, B53-300 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 MSDS/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 1/1/14
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, 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, A61W151 Series & Matte, A64W51 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® Matte, 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 Matte, 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 & Low Sheen B24-2600 Series	FLAT	<50 g/L
1,3,7,8	ProMar® 400 Zero VOC Interior Latex Flat, B30-4600 Series, Low Sheen, B24-4600	FLAT	<50 g/L
1,3,7,8	Property Solution™ Interior Flat, B30W3050	FLAT	<50 g/L
1,3,7,8	Solo 100% Acrylic Interior/Exterior Flat, A74-51 Series	FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior Flat, A86W150 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, Pearl & Medium Lustre, D17, 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 Interior Satin & Semi-Gloss, 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, B33W851 & Semi-Gloss, B34W851	NON-FLAT	<50 g/L
1,3,4,6,7,8	ProClassic® Waterborne Acrylic Satin, Semi-Gloss, B20-1150, B31-1150 Series	NON-FLAT	<50 g/L
1,3,7,8	ProMar® 200 Zero VOC Latex Eg-Shel, B20-2600 & Semi-Gloss, B31-2600 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 100% Acrylic Interior/Exterior Eg-Shel, Semi-Gloss & Gloss, A75-51, A76-51 & A77-51 Series	NON-FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior Satin, A87-1150 & Semi-Gloss A88-1150 Series	NON-FLAT	<50 g/L
8	Harmony Interior Latex Primer, B11	P,S,U	<50 g/L
1,3	Loxon® Block Surfacer, A24W200	P,S,U	<100 g/L
1,2,3	Loxon® Concrete & Masonry Primer/Sealer, A24W8300	P,S,U	<100 g/L
1,2,3	Loxon® Conditioner A24-1100 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
1,3	PrepRite® Block Filler, B25W25	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, B49W8050	SHELLAC PIGMENTED	<550 g/L
11	ProBlock® Alkyd Specialty Primer, B79W8810	SPECIALTY PRIMER	<350 g/L
7	WoodClassics 250 Stains, Minwax® 250 Stains	STAINS	<250 g/L
7	Minwax High Build Polyurethane, Gloss, Semi-gloss, Satin	VARNISH	<350 g/L
7	Wood Classics® Waterborne Polyurethane Varnish, Gloss or Satin A68 Series	VARNISH	<350 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 MSDS/EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen.

OHIO & ILLINOIS Compliant Exterior Coatings			updated 1/1/14
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	DuraCraft™ Exterior Flat, C01-Series	FLAT	<50 g/L
1,3,4,6,7,13	Duration® Exterior Acrylic Flat, K32-250 Series	FLAT	<50 g/L
1,3,4,6,7,13	Emerald Exterior Flat, K47-50 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, A80-100 Series	FLAT	<50 g/L
1,3,4,6,7,13	Solo 100% Acrylic Interior/Exterior Flat, A74-51 Series	FLAT	<50 g/L
1,3	UltraCrete Acrylic Textured Masonry Topcoat (Fine,Med,Coarse)	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	DuraCraft™ Exterior Satin, C07 & Gloss, C14 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Duration Exterior Satin, K33-250 & Gloss K34-250 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Emerald Exterior Satin, K48-50 & Gloss K49-50 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 100% Acrylic Interior/Exterior Eg-Shel, Semi-Gloss & Gloss, A75-51, A76-51 & A77-51 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	SuperPaint® Exterior Satin, A89-1100 & Gloss, A84 Series	NON-FLAT	<50 g/L
7	Exterior Latex Primer, B42W8041	P,S,U	<100 g/L
1,3	Loxon Concrete & Masonry Primer/Sealer, A24W8300	P,S,U	<100 g/L
1,2,3	Loxon® Conditioner A24-1100 Series	P,S,U	<50 g/L
1,3	Loxon® Block Surfacers, A24W200	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
1,3	Loxon® Conditioner, A24-100 Series	P,S,U	<100 g/L
1,3	PrepRite® Block Filler, B25W25	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 Primer, Y24W8020	SPECIALTY PRIMER	<350 g/L
7,10	DeckScapes™ Exterior Acrylic Solid Deck Stain A15-150	STAIN	<150 g/L
7,10	DeckScapes™ Exterior Waterborne Semi-Transparent Stain A15T215	STAIN	<50 g/L
7,10	DeckScapes™ Exterior Oil-Based Semi/Transparent, A18C850	STAIN	<250 g/L
7,10	DeckScapes™ Exterior Oil-Based Toner, A18-800 Series	STAIN	<250 g/L
7	WoodScapes® Solid Color Stain, A15 Series	STAIN	<100 g/L
1,3	Loxon Vertical Concrete Stain, A31 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, A5-400 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	ConFlex XL Textured Elastomeric HB Coating, A5-800	WATERPROOFING Concrete/Masonry Sealers	<100 g/L
1,3	Loxon 7% Siloxane Water Repellant, A10T7	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	Loxon® XP Waterproofing System, A24-1400 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	UltraCrete Solvent Borne Smooth & Textured Masonry Waterproof Coating, B46 Series	WATERPROOFING Concrete/Masonry Sealers	<400 g/L
1,3	Sher-Crete® Flexible Concrete Waterproofer, A5 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 MSDS/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 1/1/14

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
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	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 1/1/14
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	<100 g/L
9,10	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® Floor-Plex® 7100 Waterbased Primer B70W410	INDUSTRIAL MAINTENANCE	<250 g/L
9	ArmorSeal® Floor-Plex® 7100 Waterbased Epoxy B70-400 Series	INDUSTRIAL MAINTENANCE	<340 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
9,10	ArmorSeal® Tread-Plex™ Primer B90W110	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 MSDS/EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen

INDIANA Compliant Industrial Maintenance Coatings				updated 1/1/14
SUBSTRATE	PRODUCTS	INTERIOR/ EXTERIOR	INDIANA CATEGORY	PRODUCT VOCs†
4,6	Acrolon™ 218 HS Polyurethane, B65-600 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<300 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
1,2,3,4,6,7	DTM Acrylic Coating B66-100/200 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<250 g/L
4,5,6	DTM Acrylic Primer/Finish B66W1	INT/EXT	INDUSTRIAL MAINTENANCE	<150 g/L
4,5	DTM Wash Primer B71Y1	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
4,6	Fast Clad® DTM Urethane, B65-850 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
1,3	Heavy Duty Block Filler B42W46	INT/EXT	INDUSTRIAL MAINTENANCE	<50 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
1,3,4,6,8	HydroGloss Waterbased Urethane, B65W181 series	INT/EXT	INDUSTRIAL MAINTENANCE	<250 g/L
6	Kem Bond HS Primer B50Z Series	INT/EXT	INDUSTRIAL MAINTENANCE	<320 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™ DTM Acrylic Coating Eg-Shel, B66-1200	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,7,8	Pro Industrial™ Multi-Surface Acrylic, B66-500 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<150 g/L
1,3,4,6,7,8	Pro Industrial™ Pre-Catalyzed W/B Epoxy Eg-Shel & Semi-Gloss K45W150 & K46W150 Series	INT	INDUSTRIAL MAINTENANCE	<150 g/L
4,5,6	Pro Industrial™ Pro-Cryl® Universal Acrylic Primer B66-310 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,2,3,4,5,6,8	Pro Industrial Acrylic, B66-600 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
6	Recoatable Epoxy Primer, B67-5 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
1,3,4,6,7,8	Sher-Cryl™ HPA Acrylic, B66-300 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<200 g/L
1,3,4,6,8	Water Based Acrolon 100, B65-720 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,3,4,6,7,8	Water Based Catalyzed Epoxy B70 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<200 g/L
1,3,4,6,7,8	Waterbased Industrial Enamel, B53-300 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 MSDS/EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen

INDIANA Compliant Interior Coatings			updated 1/1/14
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, 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, A61W151 Series & Matte, A64W51 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® Matte, 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 Matte, 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 & Low Sheen B24-2600 Series	FLAT	<50 g/L
1,3,7,8	ProMar® 400 Zero VOC Interior Latex Flat, B30-4600 Series, Low Sheen, B24-4600	FLAT	<50 g/L
1,3,7,8	Property Solution™ Interior Flat, B30W3050	FLAT	<50 g/L
1,3,7,8	Solo 100% Acrylic Interior/Exterior Flat, A74-51 Series	FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior Flat, A86-150 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, Pearl & Medium Lustre, D17, 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 Interior Satin & Semi-Gloss, 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, B33W851 & Semi-Gloss, B34W851	NON-FLAT	<50 g/L
1,3,4,6,7,8	ProClassic® Waterborne Acrylic Satin, Semi-Gloss, B20-1150, B31-1150 Series	NON-FLAT	<50 g/L
1,3,7,8	ProMar® 200 Zero VOC Latex Eg-Shel, B20-2600 & Semi-Gloss, B31-2600 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 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 100% Acrylic Interior/Exterior Eg-Shel, Semi-Gloss & Gloss, A75-51, A76-51 & A77-51 Series	NON-FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior Satin, A87-1150 & Semi-Gloss A88-1150 Series	NON-FLAT	<50 g/L
8	Harmony Interior Latex Primer, B11	P,S,U	<50 g/L
1,3	Loxon® Block Surfacer, A24W200	P,S,U	<100 g/L
1,2,3	Loxon® Concrete & Masonry Primer/Sealer, A24W8300	P,S,U	<100 g/L
1,2,3	Loxon® Conditioner A24-1100 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
1,3	PrepRite® Block Filler, B25W25	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, B49W8050	SHELLAC PIGMENTED	<550 g/L
11	ProBlock® Alkyd Specialty Primer, B79W8810	SPECIALTY PRIMER	<350 g/L
7	WoodClassics 250 Stains, Minwax® 250 Stains	INTERIOR STAIN	<250 g/L
7	Minwax High Build Polyurethane, Gloss, Semi-Gloss, Satin	VARNISH	<350 g/L
7	Wood Classics® Waterborne Polyurethane Varnish, Gloss or Satin A68 Series	VARNISH	<350 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 MSDS/EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen

INDIANA Compliant Exterior Coatings			updated 1/1/14
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	DuraCraft™ Exterior Flat, C01-Series	FLAT	<50 g/L
1,3,4,6,7,13	Duration® Exterior Acrylic Flat, K32-250 Series	FLAT	<50 g/L
1,3,4,6,7,13	Emerald Exterior Flat, K47-50 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, A80-100 Series	FLAT	<50 g/L
1,3,4,6,7,13	Solo 100% Acrylic Interior/Exterior Flat, A74-51 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	DuraCraft™ Exterior Satin, C07 & Gloss, C14 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Duration Exterior Satin, K33-250 & Gloss K34-250 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Emerald Exterior Satin, K48-50 & Gloss K49-50 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 100% Acrylic Interior/Exterior Eg-Shel, Semi-Gloss & Gloss, A75-51, A76-51 & A77-51 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	SuperPaint® Exterior Satin, A89-1100 & Gloss, A84 Series	NON-FLAT	<50 g/L
7	Exterior Latex Primer, B42W8041	P,S,U	<100 g/L
1,3	Loxon® Block Surfacers, A24W200	P,S,U	<100 g/L
1,3	Loxon Concrete & Masonry Primer/Sealer, A24W8300	P,S,U	<100 g/L
1,3	Loxon® Conditioner, A24-100 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
1,3	PrepRite® Block Filler, B25W25	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 Primer, Y24W8020	SPECIALTY PRIMER	<350 g/L
7,10	DeckScapes™ Exterior Acrylic Solid Deck Stain A15-150	STAIN	<150 g/L
7,10	DeckScapes™ Exterior Waterborne Semi-Transparent Stain A15T215	STAIN	<50 g/L
7,10	DeckScapes™ Exterior Oil-Based Semi/Transparent, A18C850	STAIN	<250 g/L
7,10	DeckScapes™ Exterior Oil-Based Toner, A18-800 Series	STAIN	<250 g/L
7	WoodScapes® Solid Color Stain, A15 Series	STAIN	<100 g/L
1,3	Loxon Vertical Concrete Stain, A31 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, A5-400 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	ConFlex XL Textured Elastomeric HB Coating, A5-800	WATERPROOFING Concrete/Masonry Sealers	<100 g/L
1,3	Loxon 7% Siloxane Water Repellant, A10T7	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	Loxon® XP Waterproofing System, A24-1400 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	UltraCrete Solvent Borne Smooth & Textured Masonry Waterproof Coating, B46 Series	WATERPROOFING Concrete/Masonry Sealers	<400 g/L
1,3	Sher-Crete® Flexible Concrete Waterproofer, A5 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	Sherlastic® Elastomeric Coating, A5W651	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 MSDS/EDS for specific VOCs (calculated per 40 CFR 59.406). VOCs may vary by base and sheen

CANADA VOC Rules

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

updated 1/1/14

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

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

Canada Compliant Interior Industrial Maintenance Floor Coatings			updated 1/1/14
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	<100 g/L
9,10	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® Floor-Plex® 7100 Waterbased Primer B70W410	INDUSTRIAL MAINTENANCE	<250 g/L
9	ArmorSeal® Floor-Plex® 7100 Waterbased Epoxy B70-400 Series	INDUSTRIAL MAINTENANCE	<340 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
9,10	ArmorSeal® Tread-Plex™ Primer B90W110	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 New VOC (Volatile Organic Compounds) regulations for paints that went into effect on 9/9/10. For additional information on the new VOC regulations, contact your Sherwin-Williams sales representative or local store manager.

†Refer to the current MSDS/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 1/1/14
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
1,2,3,4,6,7	DTM Acrylic Coating B66-100/200 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<250 g/L
4,5,6	DTM Acrylic Primer/Finish B66W1	INT/EXT	INDUSTRIAL MAINTENANCE	<150 g/L
4,5	DTM Wash Primer B71Y1	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
4,6	Fast Clad® DTM Urethane, B65-850 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
1,3	Heavy Duty Block Filler, B42W46	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
1,3,4,6,8	HydroGloss Waterbased Urethane, B65W181 series	INT/EXT	INDUSTRIAL MAINTENANCE	<250 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™ DTM Acrylic Coating Eg-Shel, B66-1200	INT/EXT	INDUSTRIAL MAINTENANCE	<50 g/L
1,3,4,6,7,8	Pro Industrial™ Multi-Surface Acrylic, B66-500 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<150 g/L
1,3,4,6,7,8	Pro Industrial™ Pre-Catalyzed W/B Epoxy Eg-Shel & Semi-Gloss K45W150 & K46W150 Series	INT	INDUSTRIAL MAINTENANCE	<150 g/L
4,5,6	Pro Industrial™ Pro-Cryl® Universal Acrylic Primer B66-310 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
6	Recoatable Epoxy Primer, B67-5 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<340 g/L
1,3,4,6,7,8	Sher-Cryl™ HPA Acrylic, B66-300 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<200 g/L
1,3,4,6,8	Water Based Acrolon 100, B65-720 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<100 g/L
1,3,4,6,7,8	Water Based Catalyzed Epoxy B70 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<200 g/L
1,3,4,6,7,8	Waterbased Industrial Enamel, B53-300 Series	INT/EXT	INDUSTRIAL MAINTENANCE	<200 g/L

Substrate Key: Refer to data page for appropriate primer requirements

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| (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 MSDS/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 1/1/14
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, 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® Matte, 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 Matte, 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 & Low Sheen B24-2600 Series	FLAT	<50 g/L
1,3,7,8	ProMar® 400 Zero VOC Interior Latex Flat, B30-4600 Series, Low Sheen, B24-4600	FLAT	<50 g/L
1,3,7,8	Quali-Kote Flat, Satin & Low Sheen, B30WQ8151, B30WQ8851 & B20WQ8851	FLAT	<100 g/L
1,3,7,8	Solo 100% Acrylic Interior/Exterior Flat, A74-51 Series	FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior Flat, A86-8150 Series	FLAT	<50 g/L
9,10	Porch & Floor Enamel, A32-Series	FLOOR COATING	<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 Interior Satin & Semi-Gloss, K37 & K38 Series	NON-FLAT	<50 g/L
1,3,7,8	Opulence Interior Acrylic Eg-Shel, Pearl & Semi-Gloss, D17, D15 & D18-8151 Series	NON-FLAT	<50 g/L
1,3,4,6,7,8	ProClassic™ Interior Waterbased Acrylic-Alkyd Satin, B33-8851 & Semi-Gloss, B34-8851	NON-FLAT	<50 g/L
1,3,4,6,7,8	ProClassic® Waterborne Acrylic Satin, Semi-Gloss, B20-1150, B31-1150 Series	NON-FLAT	<50 g/L
1,3,7,8	ProMar® 200 Zero VOC Latex Eg-Shel, B20-2600 & Semi-Gloss, B31-2600 Series	NON-FLAT	<50 g/L
1,3,7,8	ProMar® 200 Interior Waterbased Acrylic-Alkyd Eg-Shel & Semi-Gloss B33-2251, B34-2251	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	Qualikote Interior Latex Eg-Shel, B20WQ8151, Pearl B31WQ8851 & Semi-Gloss, A26WQ8151	NON-FLAT	<150 g/L
1,3,7,8	Solo 100% Acrylic Interior/Exterior Eg-Shel, Semi-Gloss & Gloss, A75-51, A76-51 & A77-51 Series	NON-FLAT	<50 g/L
1,3,7,8	SuperPaint® Interior Satin & Semi-Gloss A87 & A88 Series	NON-FLAT	<50 g/L
8	CoverMax, B28WQ8006	P,S,U	<50 g/L
8	Harmony Interior Latex Primer, B11	P,S,U	<50 g/L
1,3	Loxon® Block Surfacer, A24WQ8200	P,S,U	<100 g/L
1,2,3	Loxon® Concrete & Masonry Primer/Sealer, A24WQ8380	P,S,U	<100 g/L
1,2,3	Loxon® Conditioner A24-1100 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
1,3	PrepRite® Block Filler, B25WQ8025	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® 400 Zero VOC Latex Primer, B28-4600	P,S,U	<50 g/L
8	ProMar® 200 Zero VOC Latex Primer, B28-2600	P,S,U	<50 g/L
8	Quali-Kote Primer, B28WQ8001	P,S,U	<100 g/L
7,8	White Pigmented Shellac Primer, B49WQ8850	SHELLAC PIGMENTED	<550 g/L
11	PrepRite® ProBlock® HS Alkyd Specialty Primer, B79WQ8810	SPECIALITY PRIMER	<350 g/L
7	WoodClassics 250 Stains, Minwax® 250 Stains	STAIN INTERIOR	<250 g/L
7	Wood Classics® Waterborne Polyurethane Varnish, Gloss or Satin A68 Series	VARNISH	<350 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 MSDS/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 1/1/14
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	DuraCraft™ Exterior Flat, C01-Series	FLAT	<50 g/L
1,3,4,6,7,13	Duration® Exterior Acrylic Flat, K32-250 Series	FLAT	<50 g/L
1,3,4,6,7,13	Emerald Exterior Flat, K47-50 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 100% Acrylic Interior/Exterior Flat, A74-51 Series	FLAT	<50 g/L
1,3	UltraCrete Acrylic Textured Masonry Topcoat (Fine,Med,Coarse)	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	DuraCraft™ Exterior Satin, C07 & Gloss, C14 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Duration Exterior Satin, K33-250 & Gloss K34-250 Series	NON-FLAT	<50 g/L
1,3,4,6,7,13	Emerald Exterior Satin, K48-50 & Gloss K49-50 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 100% Acrylic Interior/Exterior Eg-Shel, Semi-Gloss & Gloss, A75-51, A76-51 & A77-51 Series	NON-FLAT	<50 g/L
7	Exterior Latex Primer, B42W8841	P,S,U	<100 g/L
1,3	Loxon® Block Surfacer, A24WQ8200	P,S,U	<100 g/L
1,3	Loxon Concrete & Masonry Primer/Sealer, A24WQ8380	P,S,U	<100 g/L
1,3	Loxon® Conditioner, A24-1100 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
1,3	PrepRite® Block Filler, B25WQ8025	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	DeckScapes™ Exterior Acrylic Solid Deck Stain A15-8150 Series	STAIN	<150 g/L
7,10	DeckScapes™ Exterior Waterborne Semi-Transparent Stain A15TQ8215	STAIN	<50 g/L
7,10	DeckScapes™ Exterior Oil-Based Semi/Transparent, A18-8500	STAIN	<250 g/L
7,10	DeckScapes™ Exterior Oil-Based Toner, A18CQ8602	STAIN	<250 g/L
7	WoodScapes® Solid Color Stain, A15WQ8050 Series	STAIN	<100 g/L
1,3	Loxon Vertical Concrete Stain, A31 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, A5-8400 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	ConFlex XL Textured Elastomeric HB Coating, A5W810	WATERPROOFING Concrete/Masonry Sealers	<100 g/L
1,3	Loxon 7% Siloxane Water Repellant, A10T7	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	Loxon® XP Waterproofing System, A24-1400 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	UltraCrete Solvent Borne Smooth & Textured Masonry Waterproof Coating, B46 Series	WATERPROOFING Concrete/Masonry Sealers	<400 g/L
1,3	Sher-Crete® Flexible Concrete Waterproofer, A5 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
1,3	Sherlastic® Elastomeric Coating, A5-650 Series	WATERPROOFING Concrete/Masonry Sealers	<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 MSDS/EDS for specific VOCs (calculated per 40 CFR 59.406 and SOR/2009-264,s.12). VOCs may vary by base and sheen.

Minwax® Stains & Clear Finishes				updated 1/1/14			
SUBSTRATE	PRODUCTS	CATEGORY	PRODUCT VOCs†	OTC Complying	CARB* Complying	SCAQMD 2004	SCAQMD 2009
7,10	Minwax® Water-Based Polyurethane Gloss, 143-7367	Varnish	<275 g/L	Y	Y	Y	Y
7,10	Minwax® Water-Based Polyurethane Semi-Gloss, 143-7375	Varnish	<275 g/L	Y	Y	Y	Y
7,10	Minwax® Water-Based Polyurethane Satin, 143-7383	Varnish	<275 g/L	Y	Y	Y	Y
7	Minwax® Polycrylic® Protective Finish Gloss, 154-4733	Varnish	<275 g/L	Y	Y	Y	Y
7	Minwax® Polycrylic® Protective Finish Semi-Gloss, 154-4774	Varnish	<275 g/L	Y	Y	Y	Y
7	Minwax® Polycrylic® Protective Finish Satin, 154-4816	Varnish	<275 g/L	Y	Y	Y	Y
7	Minwax Water-Based Helmsman Gloss, 6501-02676	Varnish	<275 g/L	Y	Y	Y	Y
7	Minwax Water-Based Helmsman Satin, 6501-02742	Varnish	<275 g/L	Y	Y	Y	Y
7	Minwax Water-Based Helmsman Semi-Gloss, 6501-02718	Varnish	<275 g/L	Y	Y	Y	Y
7,10	Minwax® Water-Based Polyurethane Floor Gloss, 163-1670	Varnish	<275 g/L	Y	Y	Y	Y
7,10	Minwax® Water-Based Polyurethane Floor Satin, 163-1696	Varnish	<275 g/L	Y	Y	Y	Y
7,10	Minwax® Water-Based Polyurethane Floor S/G, 163-1688	Varnish	<275 g/L	Y	Y	Y	Y
7,10	Minwax® Wood Finish™ 250 Formula	Interior Stain	<250 g/L	Y	Y	Y	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) | |
| (6) Metal - (Structural Steel, Joists, Trusses, Beams, Misc. & Ornamental Iron, Ferrous Metal) including Dryfall | |

* CARB (California Air Resources Board) Architectural Coatings-2007 SCM (Suggested Control Measure): Some Counties have adopted the SCM with an effective date of 1/1/2011. The Varnish and other sealer category is now called Wood Coatings per CARB. Stains remain the same. These coatings meet the new SCM standards. Refer to the VOC standards above for compliance.

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

General Polymers Industrial Maintenance Coatings				updated 1/1/14
PRODUCTS	PRODUCT NUMBERS	PRODUCT MIXED VOCs†	CATEGORY	MANUFACTURING LOCATIONS
WATERBASED CONDUCTIVE PRIMER/SEALER	GP3424	<50 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH
WATERBASED STATIC CONTROL COATING	GP3425E	<50 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH
AQUARMOR COATING WBE	GP3460	<50 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH Victorville, CA
AQUARMOR GLOSS TOPCOAT	GP3461	<50 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH
AQUARMOR COATING	GP3462	<50 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH
WATER-BASED EPOXY WALL/FLOOR COATING	GP3479	<100 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH Victorville, CA
HIGH SOLIDS PRIMER/SEALER	GP3504	<100 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH Victorville, CA
STIPPLE EPOXY FLOOR COATING	GP3505	<100 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH Victorville, CA
EPOXY TERRAZZO MATRIX	GP3520	<50 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH Victorville, CA
STATIC CONTROL EPOXY COATING	GP3525	<100 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH Victorville, CA
EPO-FLEX FLEXIBLE EPOXY	GP3552	<100 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH Victorville, CA
EPO-FLEX MATRIX RESIN	GP3554	<100 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH Victorville, CA
EPO-FLEX HD EPOXY	GP3555	<100 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH Victorville, CA
EPO-FLEX HD EPOXY - Vertical Version	GP3555V	<100 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH Victorville, CA
EPO-FLEX TERRAZZO MEMBRANE	GP3556	<100 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH Victorville, CA
EPOXY RESIN GLAZE - Multiple Colors	GP3561	<50 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH Victorville, CA
CONDUCTIVE EPOXY RESIN GLAZE	GP3561C	<50 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH
EPOXY COVE PASTE - Multiple Colors	GP3561V	<50 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH Victorville, CA
STATIC DISSIPATIVE BINDER RESIN - Clear and Multiple Colors	GP3564	<50 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH Victorville, CA
STANDARD PRIMER / BINDER RESIN	GP3579	<50 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH Victorville, CA
CRACK & JOINT FILLER	GP3580	<100 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH Victorville, CA
SMOOTH EPOXY FLOOR COATING - Multiple Colors	GP3589	<50 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH Victorville, CA
NOVO-FLO SOLVENT / ACID REISTANT COATING - Multiple Colors	GP3741	<50 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH Victorville, CA
SELF-LEVELING EPOXY	GP3745	<100 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH Victorville, CA
FASTOP URETHANE PRIMER	GP4040	<50 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH Victorville, CA
FASTOP S - RESIN	GP4050	<50 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH Victorville, CA
FASTOP COVE BASE RESIN	GP4060	<50 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH Victorville, CA
FASTOP M RESIN	GP4070	<50 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH Victorville, CA
FASTOP 12 S BINDER RESIN	GP4080	<50 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH Victorville, CA
FASTOP 12 TC/M- URETHANE TOP COATING	GP4090TC	<50 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH
WB POLYURETHANE GLOSS - Clear & Multiple Colors	GP4408	<50 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH Victorville, CA
WB POLYURETHANE SATIN - Clear & Multiple Colors	GP4409	<50 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH
POLYURETHANE STATIC DISSIPATIVE COATING	GP4620E	<50 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH
POLY-COTE URETHANE - Clear and Multiple Colors	GP4685	<50 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH Victorville, CA
POLYACRYLATE BLENDING POLYMER / PRIMER	GP4772	<50 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH
PACE-COTE- Clear & Multiple Colors	GP4844	<50 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH Victorville, CA
POLYUREA JOINT SEALANT	GP4880	<50 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH Victorville, CA
AQUARMOR WALL COATING	GP3462	<50 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH Victorville, CA
AQUARMOR WALL COATING - FIBER FILLED	GP3462G	<50 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH Victorville, CA
WATER-BASED EPOXY/WALL FLOOR COATING	GP3479	<100 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH Victorville, CA
EPOXY QUICK PATCH	GP3500	<50 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH
EPOXY SCRATCH COAT MASTIC	GP3513	<100 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH Victorville, CA
EPO-FLEX FLEXIBLE EPOXY WALL MEMBRANE	GP3552W	<50 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH
POLY-COTE WALL COATING	GP4685W	<50 g/L	INDUSTRIAL MAINTENANCE	Cincinnati, OH Victorville, CA

To learn more about the coatings above, please contact your local Sherwin-Williams Sales Rep or Call 800-524-5979

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

GREENGUARD Certification		updated 1/1/14
PRODUCTS	Gold Certification	Indoor AirQuality certified®
AllSurface HP Enamel Eg-Shel, Semi-Gloss & Gloss, A43, A41 & A42-Q8050 Series-Canada Only	Certified	Certified
Cashmere Interior Flat, Low Lustre, Pearl & Medium Lustre D16, D17, D15, D18-150 Series	Certified	Certified
ColorCast Ecotoner®	Certified	Certified
Dry Erase Coating, KB65C2000	Certified	Certified
Drywall Primer Interior Latex, B28W08150	Certified	Certified
EcoSelect Flat, Eg-Shel, Semi-Gloss, A21-1850 Series , A22& A20- 850 Series	Certified	Certified
Emerald Interior Matte, K36-350 Series	Certified	Certified
Emerald Interior Satin, K37-350 Series	Certified	Certified
Emerald Interior Semi-Gloss, K38-350 Series	Certified	Certified
Eminence™ Ceiling Paint, A27W01815	Certified	Certified
Harmony Interior Latex Eg-Shel, B9 Series	Certified	Certified
Harmony Interior Latex Flat, B5 Series	Certified	Certified
Harmony Interior Latex Primer, B11	Certified	Certified
Harmony Latex Semi-Gloss, B10 Series	Certified	Certified
Loxon® Conditioner A24-1100 Series	Certified	Certified
Multi-Purpose Latex Primer, B51-450 series	Certified	Certified
Multi-Purpose Waterbased Acrylic-Alkyd Primer, B79W450	Certified	Certified
PrepRite® Block Filler, B25W25	Certified	Certified
PrepRite® ProBlock® Latex Primer Sealer, B51-620 Series	Certified	Certified
ProMar® 200 Zero VOC Interior Latex Eg-Shel, B20-2600 Series	Certified	Certified
ProMar® 200 Zero VOC Interior Latex Flat, B30-2600 Series	Certified	Certified
ProMar® 200 Zero VOC Interior Latex Low Sheen, B24-2600 Series	Certified	Certified
ProMar® 200 Zero VOC Interior Latex Semi-Gloss, B31-2600 Series	Certified	Certified
ProMar® 200 Zero VOC Primer, B28W2600	Certified	Certified
ProMar® 400 Zero VOC Interior Latex Eg-Shel, B20-4600 Series	Certified	Certified
ProMar® 400 Zero VOC Interior Latex Flat, B30-4600 Series	Certified	Certified
ProMar® 400 Zero VOC Interior Latex Low Sheen, B24-4600 Series	Certified	Certified
ProMar® 400 Zero VOC Interior Latex Semi-Gloss, B31-4600 Series	Certified	Certified
ProMar® 400 Zero VOC Primer, B28W4600	Certified	Certified
Pro Industrial Acrylic Coating, Gloss, Semi-Gloss & Eg-Shel B66-600 Series	Certified	Certified
Pro Industrial Water Based Catalyzed Epoxy Gloss & Eg-Shel, B73-300 Series	Certified	Certified
Pro Industrial™ Pro-Cryl® Universal Primer Off White, B66W310	Certified	Certified
Quick Dry Stain Blocking Primer, B51W8670	Certified	Certified
Solo 100% Acrylic Interior Exterior Flat, Eg-Shel ,S/G, Gloss A74,75,76 & 77-50 Series	Certified	Certified
Stampede 1TX	Certified	Certified
Tuff Surface Knock Down Texture, A44W50	Certified	Certified
Water Blocking Primer/Finish, B72W8010	Certified	Certified



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 comply with California Department of Public Health “Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1” (CA Section 01350). For more information, see <http://www.cal-iaq.org/separator/voc/voc-publications>.

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

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, ef-florescence.
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.
ColorCast Ecotoner®	When tinted with ColorCast Ecotoner (CCE) Colorants, VOCs(Volatile Organic Compounds) will not be added to any Sherwin-Williams product.
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.
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 a standard that Green Seal has put in place to compliment GS-11. GC-03 standard deals with: The environmental requirements for anti-corrosive paints. Definition, Anti-corrosive Paints: Coatings formulated and recommended for use in preventing the corrosion of ferrous metal substrates.
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
GreenSeal®	Is an independent non-profit organization dedicated to safeguarding the environment and transforming the marketplace by promoting the manufacture, purchase, and use of environmentally responsible products and services
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. LEED 09 uses the GS-11 First Edition, dated May 20, 1993.
IAQ	Is the nature of air inside a building that affects the health and well-being of building occupants. It is considered acceptable when there are no known contaminants at harmful concentrations as determined by cognizant authorities and with which a substantial majority (80% or more) of the people exposed do not express dissatisfaction. (ASHRAE 62.1D2007)
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)
LEEDv4	The newest version of LEED building program. LEED 2009 will be open for registration until June 1, 2015.
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 Safety Data Sheet (MSDS)	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 MSDS 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.
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)
Scrubbability	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, merriam-webster.com, chps.net, greenguard.org, *ISO 14021*.



SHERWIN-WILLIAMS®

Green Programs Submittal Forms

Date:

Company Name:

Company Street:

Company City, State, Zip:

Company Phone:

Project: _____

This letter is to confirm that the following product/material is being used on the above project and has the following characteristics;

Manufacturer: _____

Material / Product Name: _____

This product has ___% post-consumer recycled content and ___% post-industrial recycled content, neither of which are in-house industrial scrap or trimming.

The final assembly / fabrication location for this material: City/State, _____
which is a distance of _____ miles to the project site.

The location(s) of material extraction, harvesting, or recovery for the component(s) of this material:
City/State, _____ which is a distance of _____ miles to the project site.

Is this product certified to be in compliance with California Department of Public Health (CDPH) Standard Method V1.1: _____

If yes, testing lab: _____ Certificates must be attached.

VOC in g/L: _____

Sincerely,



Where are Sherwin-Williams Manufacturing Locations

Background:

This letter 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 was manufactured.

Locations:

Plant Locations:	Code	Plant Locations:	Code	Plant Locations:	Code
Greensboro NC	OE/EM	Garland TX	DT	Fernley NV	WE
Orlando FL	OK/KM	Chicago IL	EC	Flora IL	FM
Cincinnati OH	GC	Baltimore MD	ED/OD/DM	Olive Branch MS	PP
San Diego CA	PM	Garland TX	PT	Memphis TN	MP
Fort Erie ON	MB	Victorville CA	OV/VM	Beltsville MD	BM
Oakland CA	OY	Morrow GA	OW/WM	Spokane WA	WC
Ennis TX	ET	Wichita KS	OX/XM	Terra Haute IN	MH
Chicago IL	CE	Garland TX	GT/OT/TM	Columbus, OH	OL/LM

Interpretations:

An example of a Batch Code is as such: ED0993. 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 3 at the end or the last digit always stands for the year in which the product was manufactured. In this case the 3 stands for the year 2013.

Summary:

There are certain credits available in the “Green” 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 3400 stores to help promote local purchasing. For the nearest Sherwin Williams Store contact 1-800-4 Sherwin.

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



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