

Product Numbers link directly to their respective certificates for convenience.

LEED®v4 New Construction, Core and Shell, Schools, Healthcare, Hospitality Contributes toward satisfying EQ CREDIT: INDOOR ENVIRONMENTAL QUALITY- LOW-EMITTING MATERIALS 4/6/2018					updated 12/01/18
PRODUCTS	PRODUCT NUMBERS	GREENGUARD GOLD	TVOC	CARB/SCAQMD Category [^]	VOC [†]
ColorCast Ecotone™(CCE) Architectural Colorant	CCE-AC series	Certified	0.5 mg/m3 or less	Colorant Architectural	<50 g/L
PrepRite® Interior/Exterior Latex Block Filler	B25W25	CDPH V1.2	0.5 mg/m3 or less	P,S,U	<50 g/L
Pro Industrial™ Waterborne Acrylic Dryfall Flat White & Black	B42W00181 B42B00081	CDPH V1.2	0.5 mg/m3 or less	Dry Fog	<50 g/L
Pro Industrial™ Waterborne Acrylic Dryfall Eg-Shel	B42W00082	CDPH V1.2	0.5 mg/m3 or less	Dry Fog	<50 g/L
Pro Industrial™ Waterborne Acrylic Dryfall Semi-Gloss	B42W00083	CDPH V1.2	between 0.5 & 5.0 mg/m3	Dry Fog	<50 g/L
EcoSelect® Zero VOC Interior Latex Flat	A21W01851 & 853 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Emerald® Interior Latex Flat & Matte	K35 & K36- Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Eminence® Interior Latex Flat Ceiling Paint	A27	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Harmony® Interior Flat Latex	B05-1050 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
ProMar® 200 Zero VOC Interior Latex Flat, Low Gloss & Low Sheen	B30, B41 & B24W2650 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
ProMar® 400 Zero VOC Interior Latex Flat & Low Sheen	B30 & B24-4650 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
ProMar® Ceiling Paint,	A27W5050	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Solo® Interior/Exterior Flat	A74 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Tuff Surface™ Premium Texture Coating Flat	A44W00050 & A44W01050	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Loxon Water Blocking Primer/Finish	B72W08010 / LX12 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
All Surface Enamel HP Eg-Shel, Semi-Gloss, Gloss-Canada Only	A43, A41 & A42Q-8050 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
All Surface Enamel Satin & Gloss A41-1350 & A41-1250 Series-US Only	A41-1350 & A41-1250 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
Dry Erase Clear Gloss Coating	KB6SC2000	Certified	0.5 mg/m3 or less	Non-Flat	<100 g/L
EcoSelect Zero VOC Interior Latex Eg-Shel & Semi-Gloss	A22 & A20-850 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
Emerald Interior Latex Satin & Semi-Gloss	K37 & K38 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
Harmony Interior Eg-Shel & Semi-Gloss	B09 & B10-1050 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 HP Zero VOC Interior Acrylic Eg-Shel	B20-1950 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 HP Zero VOC Interior Acrylic Low Gloss Eg-Shel	B41-1950 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 HP Zero VOC Interior Acrylic Semi-Gloss	B31-1950 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 Zero VOC Interior Latex Eg-Shel, Semi-Gloss	B20-2650, B20-12650 & B31-2650 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 Zero VOC Interior Latex Low Gloss Eg-Shel	B41-2600 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 400 Zero VOC Interior Latex Eg-Shel, Semi-Gloss	B20 & B31-4650 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 Zero VOC Interior Latex Gloss	B21-12650 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 400 Zero VOC Interior Latex Gloss	B21-4650 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
Solo® Interior/Exterior Eg-Shel ,Satin, Semi-Gloss & Gloss	A75, A73, A76 & A77-51 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
Armorseal® 8100 Water Based Epoxy Floor Coating	B70-8100/8160 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Acrylic Coating, Eg-Shel, Semi-Gloss, Gloss	B66-660, 650 & 600 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ DTM Primer/Finish	B66W00011	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Pre-Catalyzed Epoxy Eg-Shel & Semi-Gloss	K45 & K46-1150 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial Pro-Cryl® Primer Off White, Medium Grey & Red Oxide	B66-1300 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Water Based Catalyzed Epoxy, Gloss & Eg-Shel	B73-300 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Heavy Duty Block Filler, B42W00150	B42W00150	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
ConFlex™ Block Filler	CF01W0050	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Drywall Primer	B28W08150	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Extreme Bond™ Bonding Primer	B51W150	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Harmony Interior Latex Primer	B11W01500	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Loxon® Acrylic Conditioner Clear & Guide Coat White	A24V01100 & W01100 / LX03 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Loxon Concrete & Masonry Primer	A24W8300 / LX02 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Multi-Purpose Latex Primer	B51-450 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Multi-Purpose Waterbased Acrylic Alkyd Primer	B79-450 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
PrepRite® ProBlock® Int/Ext Latex Primer/Sealer	B51-620 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
ProMar® 200 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/or Standard referenced: CDPH/EHLB/Standard Method V1.2 (January 2017) "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers" (aka CA Section 01350). For more information, see <http://www.cdph.ca.gov> Building products and Interior finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using the applicable exposure scenario(s).

GREENGUARD Certified products are certified to UL GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com.

Certificates can be found on: www.greenguard.org or www.UL.com P,S,U= Primer, Sealer, Undercoater ^Category classification based on SCAQMD Rule 1113, 2011 and CARB 2007 SCM definitions.

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

LEED®v4 New Construction, Core and Shell, Schools, Healthcare, Hospitality
Contributes toward satisfying EQ CREDIT: INDOOR ENVIRONMENTAL
QUALITY- LOW-EMITTING MATERIALS 4/6/2018

updated 08/01/18

Intent

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

Requirements

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

Option 1. Product Category Calculations

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

Table 1. Thresholds of compliance with emissions and content standards

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

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

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

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

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

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

Definitions:

µg/m³= Microgram per cubic meter

mg/m³= Milligram per cubic meter

1 µg/m³ = .001 Milligrams

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

building interior everything inside a structure’s weatherproofing membrane

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

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

Healthcare, Schools only

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

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

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

Certificates can be found on: greenguard.org or UL.com or on swgreenspecs.com

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

Product Numbers link directly to their respective certificates for convenience.

LEED®v4 New Construction, Core and Shell, Schools, Healthcare, Hospitality Contributes toward satisfying MR CREDIT: BUILDING PRODUCT DISCLOSURE AND OPTIMIZATION— ENVIRONMENTAL PRODUCT DECLARATIONS (EPD)						updated 12/01/18
PRODUCTS	PRODUCT NUMBERS	Declaration Number	Issue Date	Period of Validity	Program Operator	Product-Specific Type III EPD
Emerald® Interior Flat, Matte & Satin	K35, K36 & K37W00451	EPD10094	10/06/2016	5 Years	NSF International	NSF Certified EPD
Harmony® Interior Flat & Eg-Shel	B05W01051, B09W01051	EPD10081	10/06/2016	5 Years	NSF International	NSF Certified EPD
Harmony® Interior Semi-Gloss	B10W01051	EPD10081	10/06/2016	5 Years	NSF International	NSF Certified EPD
Harmony® Interior Primer	B11W01500	EPD10081	10/06/2016	5 Years	NSF International	NSF Certified EPD
Loxon® Concrete and Masonry Primer	A24W08300/LX02W0050	EPD10086	02/10/2017	5 Years	NSF International	NSF Certified EPD
PrepRite® ProBlock®	B51W00620	EPD10087	02/10/2017	5 Years	NSF International	NSF Certified EPD
PrepRite® Block Filler	B25W00025	EPD10084	02/10/2017	5 Years	NSF International	NSF Certified EPD
Pro Industrial™ Acrylic	B66W00661, B66W00653, B66W00611, B66W00651	EPD10088	02/10/2017	5 Years	NSF International	NSF Certified EPD
Pro Industrial™ DTM Acrylic	B66W001251, B66W001151, B66W001051	EPD10089	02/10/2017	5 Years	NSF International	NSF Certified EPD
Pro Industrial™ DTM Primer/Finish	B66W00011	EPD10135	05/30/2018	5 Years	NSF International	NSF Certified EPD
Pro Industrial™ Heavy Duty Block Filler	B42W00150	EPD10133	05/30/2018	5 Years	NSF International	NSF Certified EPD
Pro Industrial™ Pro-Cryl Primer	B66W01310, B66A01320 & B66N01310	EPD10134	05/30/2018	5 Years	NSF International	NSF Certified EPD
Pro Industrial™ Waterbased Catalyzed Epoxy	B73W00361, B73T00364, B73W00311, B73T00304, B73V00300	EPD10090	02/10/2017	5 Years	NSF International	NSF Certified EPD
Pro Industrial™ Waterborne Dryfall	B42W00181, B42W00082, B42W00083	EPD10083	02/10/2017	5 Years	NSF International	NSF Certified EPD
ProMar 200 HP Zero VOC Interior Latex Eg-Shel, Low Gloss Eg-Shel & S/G	B41W01951, B20W01951 & B31W01951	EPD10136	08/08/2018	5 Years	NSF International	NSF Certified EPD
ProMar® 200 Zero VOC Interior Latex Flat	B30W02651, B30W02653, B30W12651	EPD10070	update 02/07/2017	5 Years	NSF International	NSF Certified EPD
ProMar® 200 Zero VOC Interior Latex Low Sheen & Low Gloss Eg-Shel	B24W02651 & B41W02651	EPD10070	update 02/07/2017	5 Years	NSF International	NSF Certified EPD
ProMar® 200 Zero VOC Interior Latex Eg-Shel	B20W02653, B20T02654, B20W12651, B20W02651, B20W02650	EPD10070	update 02/07/2017	5 Years	NSF International	NSF Certified EPD
ProMar® 200 Zero VOC Interior Latex Semi-Gloss & Gloss	B31W02651 & B21W12651	EPD10070	update 02/07/2017	5 Years	NSF International	NSF Certified EPD
ProMar® 200 Zero VOC Interior Latex Primer	B28W02600	EPD10070	update 02/07/2017	5 Years	NSF International	NSF Certified EPD
ProMar® 400 Zero VOC Interior Flat & Eg-Shel	B30W04651 & B20W04651	EPD10085	02/10/2017	5 Years	NSF International	NSF Certified EPD
ProMar® 400 Zero VOC Interior Low Sheen & Semi-Gloss	B24W04651 & B31W04651	EPD10085	02/10/2017	5 Years	NSF International	NSF Certified EPD
ProMar® 400 Zero VOC Interior Primer	B28W04600	EPD10085	02/10/2017	5 Years	NSF International	NSF Certified EPD

Per USGBC LEED v4:

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

Requirements:

NC, CS, SCHOOLS, RETAIL, DATA CENTERS, WAREHOUSES & DISTRIBUTION CENTERS, HOSPITALITY, HEALTHCARE
Achieve one or more of the options below, for a maximum of 2 points.

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

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

- **Environmental Product Declarations which conform to ISO 14025, 14040, 14044, and EN 15804 or ISO 21930 and have at least a cradle to gate scope.**
Product-specific Type III EPD -- Products with third-party certification (Type III), including external verification in which the manufacturer is explicitly recognized as the participant by the program operator are valued as one whole product for purposes of credit achievement calculation.

This EPD was independently verified by NSF International in accordance with ISO 21930 and ISO 14025, by NSF International nccs@nsf.org, <http://info.nsf.org/Certified/Sustain/listings.asp?ProdCat=EPD>

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



Certificates can be found on: nccs@nsf.org, <http://info.nsf.org/Certified/Sustain/listings.asp?ProdCat=EPD> or www.paintdocs.com

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

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

Product Numbers link directly to their respective certificates for convenience.

LEED®v4 New Construction, Core and Shell, Schools, Healthcare, Hospitality Contributes toward satisfying MR CREDIT: BUILDING PRODUCT DISCLOSURE AND OPTIMIZATION – MATERIAL INGREDIENTS					updated 12/01/18
PRODUCTS	PRODUCT NUMBERS	LEED v4 Qualifications	Assessor	3rd party Certifier	Certification Period
Emerald Interior Flat, Matte & Satin	K35, K36, K37 & K38W00300/400 Series	LEED BPDO Credit: Material Ingredients Option 1	MBDC Basis methodology v3.0*	UL Product Lens Certified	6/2018-6/2020
Laxon Concrete & Masonry Primer	LX02W0050	LEED BPDO Credit: Material Ingredients Option 1	MBDC Basis methodology v3.0*	UL Product Lens Certified	6/2018-6/2020
PrepRite Block Filler	B25W00025	LEED BPDO Credit: Material Ingredients Option 1	MBDC Basis methodology v3.0*	UL Product Lens Certified	6/2018-6/2020
PrepRite ProBlock Latex	B51W00620 & B51W00623	LEED BPDO Credit: Material Ingredients Option 1	MBDC Basis methodology v3.0*	UL Product Lens Certified	6/2018-6/2020
ProMar 200 Zero VOC Interior Latex Flat	B30-2650/12651 Series	LEED BPDO Credit: Material Ingredients Option 1	MBDC Basis methodology v3.0*	UL Product Lens Certified	8/2018-8/2020
ProMar 200 Zero VOC Interior Latex Low Sheen	B24-2650 Series	LEED BPDO Credit: Material Ingredients Option 1	MBDC Basis methodology v3.0*	UL Product Lens Certified	8/2018-8/2020
ProMar 200 Zero VOC Interior Latex Low Gloss Eg-Shel	B41-2650 Series	LEED BPDO Credit: Material Ingredients Option 1	MBDC Basis methodology v3.0*	UL Product Lens Certified	8/2018-8/2020
ProMar 200 Zero VOC Interior Latex Eg-Shel	B20-2650, B20-12651 Series	LEED BPDO Credit: Material Ingredients Option 1	MBDC Basis methodology v3.0*	UL Product Lens Certified	8/2018-8/2020
ProMar 200 Zero VOC Interior Latex Semi-Gloss	B31-2650 Series	LEED BPDO Credit: Material Ingredients Option 1	MBDC Basis methodology v3.0*	UL Product Lens Certified	8/2018-8/2020
ProMar 200 Zero VOC Interior Latex Gloss	B21-12651	LEED BPDO Credit: Material Ingredients Option 1	MBDC Basis methodology v3.0*	UL Product Lens Certified	8/2018-8/2020
ProMar® 200 Zero VOC Interior Latex Primer	B28-2600	LEED BPDO Credit: Material Ingredients Option 1	MBDC Basis methodology v3.0*	UL Product Lens Certified	8/2018-8/2020

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

Per USGBC LEED v4:

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

Requirements:

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

Option 1. Material Ingredient Reporting (1 point)

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

- Product Lens Certification.

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

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

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

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

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

P,S,U= Primer, Sealer, Undercoater

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

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



Product Numbers link directly to their respective certificates for convenience.

LEED®v4 New Construction, Core and Shell, Schools, Healthcare, Hospitality Contributes toward satisfying PILOT CREDIT: INTEGRATED ANALYSIS OF BUILDING MATERIALS									updated 12/01/18
PRODUCTS	PRODUCT NUMBERS	GREENGUARD GOLD	TVOC	CARB/ SCAQMD Category^	VOC†	Declaration Number	Product-Specific Type III EPD	LEED BPDO Credit: Material Ingredients Option 1	Certification Period
ProMar 200 Zero VOC Interior Latex Flat	B30W12651 , B30W02653	Certified	0.5 mg/m3 or less	Flat	<50 g/L	EPD10070	NSF Certified EPD	UL Product Lens Certified	8/2018-8/2020
ProMar 200 Zero VOC Interior Latex Low Sheen	B24W02651	Certified	0.5 mg/m3 or less	Flat	<50 g/L	EPD10070	NSF Certified EPD	UL Product Lens Certified	8/2018-8/2020
ProMar 200 Zero VOC Interior Latex Eg-Shel	B20W12651 , B20W02653 , B20T02654	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L	EPD10070	NSF Certified EPD	UL Product Lens Certified	8/2018-8/2020
ProMar 200 Zero VOC Interior Latex Semi-Gloss	B31W02651	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L	EPD10070	NSF Certified EPD	UL Product Lens Certified	8/2018-8/2020
ProMar® 200 Zero VOC Interior Latex Primer	B28W02600	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L	EPD10070	NSF Certified EPD	UL Product Lens Certified	8/2018-8/2020

Per USGBC LEED v4:

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

Requirements:

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

Analyze and consider:

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

Credit Specific

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

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

P,S,U= Primer, Sealer, Undercoater

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

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

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

LEED®v4 Healthcare & Schools California Air Resources Board (CARB) 2007 Suggested Control Measures (SCM) for Architectural Coatings Contributes toward satisfying Compliant Exterior Coatings (update 1-5-2018)		updated 12/01/18
PRODUCTS	CARB 2007 SCM CATEGORY [^]	PRODUCT VOCs [†]
A-100® Exterior Flat Latex, A6 Series	FLAT	<50 g/L
DuraCraft™ Exterior Flat, C01 Series	FLAT	<50 g/L
Duration® Exterior Acrylic Flat, K32 Series	FLAT	<50 g/L
Emerald® Exterior Flat, K47 Series	FLAT	<50 g/L
Resilience® Latex Flat, K42 Series	FLAT	<50 g/L
SuperPaint® Exterior Flat, A80 Series	FLAT	<50 g/L
Solo® Interior/Exterior Flat, A74 Series	FLAT	<50 g/L
Porch & Floor Enamel, A32 Series	FLOOR	<50 g/L
Pro Industrial™ Acrylic, Gloss, Semi-Gloss & Eg-Shel, B66-600 Series	INDUSTRIAL MAINTENANCE	<50 g/L
Pro Industrial™ DTM Primer/Finish, B66-11	INDUSTRIAL MAINTENANCE	<50 g/L
Pro Industrial™ Heavy Duty Block Filler, B42W00150	INDUSTRIAL MAINTENANCE	<50 g/L
Pro Industrial™ Pro-Cryl® Universal Primer Off White, Medium Grey & Red Oxide B66-1300 Series	INDUSTRIAL MAINTENANCE	<50 g/L
A-100® Exterior Latex Satin & Gloss, A82 & A8 Series	NON-FLAT	<50 g/L
DuraCraft™ Exterior Satin, C07 & Gloss, C14 Series	NON-FLAT	<50 g/L
Duration Exterior Low Lustre, K30, Satin, K33 & Gloss K34 Series	NON-FLAT	<50 g/L
Emerald Exterior Satin, K48 & Gloss K49 Series	NON-FLAT	<50 g/L
Resilience® Latex Satin & Gloss, K43 & K44 Series	NON-FLAT	<50 g/L
Solo® Interior/Exterior Eg-Shel, Satin, Semi-Gloss & Gloss, A75, A73, A76 & A77- Series	NON-FLAT	<50 g/L
SuperPaint® Exterior Satin & Gloss, A89 & A84 Series	NON-FLAT	<50 g/L
ConFlex Block Filler, CF01W0050	P,S,U	<100 g/L
Exterior Latex Primer, B42W8041	P,S,U	<100 g/L
Loxon® Concrete & Masonry Primer, A24W8300/LX02 Series	P,S,U	<50 g/L
Loxon® Acrylic Conditioner A24-1100/LX03 Series	P,S,U	<50 g/L
Loxon® Acrylic Block Surfacer, A24W200/LX01 Series	P,S,U	<100 g/L
Multi-Purpose Latex Primer, B51-450 Series	P,S,U	<50 g/L
PrepRite® Interior/Exterior Latex Block Filler	P,S,U	<50 g/L
PrepRite® ProBlock® Latex Primer Sealer, B51-620 Series	P,S,U	<50 g/L
PrimeRx™ Peel Bonding Primer, B51T600	P,S,U	<50 g/L
Loxon® Vertical Concrete Stain, A31/LX31 Series	STAIN	<50 g/L
WoodScapes® Solid Color Stain, A15 Series	STAIN	<100 g/L
Pro-Park™ Waterborne Traffic Marking B97 Series	TRAFFIC COATINGS	<50 g/L
ConFlex XL Elastomeric High Build Coating, A5-400/CF11 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
ConFlex 7% Siloxane Water Repellant, A10T7/CF31T7	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
Loxon® XP Waterproofing System, A24-1400/LX11- Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
ConFlex® Flexible Concrete Waterproofer, A5/CF14 & CF15 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L
ConFlex Sherlastic® Elastomeric Coating, A5W651/CF16 Series	WATERPROOFING Concrete/Masonry Sealers	<50 g/L

Healthcare, Schools only

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

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

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

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

[^]Category classification based on CARB 2007 SCM definitions.

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

Product Numbers link directly to their respective certificates for convenience.

LEED®v4 for Interior Design and Construction CI, Retail & Hospitality EQ CREDIT: LOW-EMITTING PRODUCTS 4/6/2018				updated 12/01/18	
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
PrepRite® Interior/Exterior Latex Block Filler	B25W25	CDPH V1.2	0.5 mg/m3 or less	P,S,U	<50 g/L
Pro Industrial™ Waterborne Acrylic Dryfall Flat White & Black	B42W00181 B42B00081	CDPH V1.2	0.5 mg/m3 or less	Dry Fog	<50 g/L
Pro Industrial™ Waterborne Acrylic Dryfall Eg-Shel	B42W00082	CDPH V1.2	0.5 mg/m3 or less	Dry Fog	<50 g/L
Pro Industrial™ Waterborne Acrylic Dryfall Semi-Gloss	B42W00083	CDPH V1.2	between 0.5 & 5.0 mg/m3	Dry Fog	<50 g/L
EcoSelect® Zero VOC Interior Latex Flat	A21W01851 & 853 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Emerald® Interior Latex Flat & Matte	K35 & K36- Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Eminence® Interior Latex Flat Ceiling Paint	A27	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Harmony® Interior Flat Latex	B05-1050 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
ProMar® 200 Zero VOC Interior Latex Flat, Low Gloss & Low Sheen	B30, B41 & B24W2650 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
ProMar® 400 Zero VOC Interior Latex Flat & Low Sheen	B30 & B24-4650 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
ProMar® Ceiling Paint,	A27W5050	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Solo® Interior/Exterior Flat	A74 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Tuff Surface™ Premium Texture Coating Flat	A44W00050 & A44W01050	Certified	0.5 mg/m3 or less	Flat	<50 g/L
Loxon Water Blocking Primer/Finish	B72W08010 / LX12 Series	Certified	0.5 mg/m3 or less	Flat	<50 g/L
All Surface Enamel HP Eg-Shel, Semi-Gloss, Gloss-Canada Only	A43, A41 & A42Q-8050 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
All Surface Enamel Satin & Gloss A41-1350 & A41-1250 Series-US Only	A41-1350 & A41-1250 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
Dry Erase Clear Gloss Coating	KB65C2000	Certified	0.5 mg/m3 or less	Non-Flat	<100 g/L
EcoSelect Zero VOC Interior Latex Eg-Shel & Semi-Gloss	A22 & A20-850 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
Emerald Interior Latex Satin & Semi-Gloss	K37 & K38 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
Harmony Interior Eg-Shel & Semi-Gloss	B09 & B10-1050 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 HP Zero VOC Interior Acrylic Eg-Shel	B20-1950 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 HP Zero VOC Interior Acrylic Low Gloss Eg-Shel	B41-1950 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 HP Zero VOC Interior Acrylic Semi-Gloss	B31-1950 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 Zero VOC Interior Latex Eg-Shel, Semi-Gloss	B20-2650, B20-12650 & B31-2650 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 Zero VOC Interior Latex Low Gloss Eg-Shel	B41-2600 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 400 Zero VOC Interior Latex Eg-Shel, Semi-Gloss	B20 & B31-4650 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 200 Zero VOC Interior Latex Gloss	B21-12650 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
ProMar® 400 Zero VOC Interior Latex Gloss	B21-4650 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
Solo® Interior/Exterior Eg-Shel ,Satin, Semi-Gloss & Gloss	A75, A73, A76 & A77-51 Series	Certified	0.5 mg/m3 or less	Non-Flat	<50 g/L
Armorseal® 8100 Water Based Epoxy Floor Coating	B70-8100/8160 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Acrylic Coating, Eg-Shel, Semi-Gloss, Gloss	B66-660, 650 & 600 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ DTM Primer/Finish	B66W00011	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Pre-Catalyzed Epoxy Eg-Shel & Semi-Gloss	K45 & K46-1150 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial Pro-Cryl® Primer Off White, Medium Grey & Red Oxide	B66-1300 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Water Based Catalyzed Epoxy, Gloss & Eg-Shel	B73-300 Series	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
Pro Industrial™ Heavy Duty Block Filler, B42W00150	B42W00150	Certified	0.5 mg/m3 or less	Industrial Maintenance	<50 g/L
ConFlex™ Block Filler	CF01W0050	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Drywall Primer	B28W08150	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Extreme Bond™ Bonding Primer	B51W150	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Harmony Interior Latex Primer	B11W01500	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Loxon® Acrylic Conditioner Clear & Guide Coat White	A24V01100 & W01100 / LX03 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Loxon Concrete & Masonry Primer	A24W8300 / LX02 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Multi-Purpose Latex Primer	B51-450 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
Multi-Purpose Waterbased Acrylic Alkyd Primer	B79-450 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
PrepRite® ProBlock® Int/Ext Latex Primer/Sealer	B51-620 Series	Certified	0.5 mg/m3 or less	P,S,U	<50 g/L
ProMar® 200 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

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