



Low VOC LATICRETE® Products / LEED Certification (LEED v4 & v4.1) TDS 251

LATICRETE International, Inc. produces an assortment of portland cement and epoxy based setting and grouting materials. The LEED Projects program is gaining more popularity with architectural firms and building design groups. The following LATICRETE® product information is to be used for building projects that need to comply with LEED v4 and LEED v4.1 certification.

LATICRETE International, Inc., the world leader in tile and stone installation materials, has become the first tile and stone installation material manufacturer to receive UL GREENGUARD Gold certification for their products. For specific information regarding which products and systems are UL GREENGUARD Gold certified please visit our web site at <https://laticrete.com/en/innovation-and-impact/green-leed/greenguard-certified-products>.

For all of your job specific LEED certifications of LATICRETE products, please visit <https://laticrete.com> to access the LATICRETE LEED Project Certification Assistant.

LATICRETE International, Inc. packaging and most of the products, do not contain any post-consumer or pre-consumer recycled content. LATICRETE plastic bags and buckets are recyclable and may help contribute to LEED Materials and Resources Credit - Construction and Demolition Waste Management.

125 TRI-MAX contains 36% post-consumer recycled content, 170.3 Sound & Crack Isolation Mat and 170.5 Sound & Crack Isolation Mat both contain 89.5% post-consumer recycled content. Several LATICRETE thin-set mortars and self-leveling underlayments also contain pre-consumer recycled content. These products will contribute to LEED Materials and Resources Credit – Building Product Disclosure and Optimization-Sourcing of Raw Materials.

LATICRETE products may help contribute to the following LEED v4 and v4.1 Credits (unless otherwise noted);

Materials and Resources Credit – Building Product Disclosure and Optimization-Environmental Product Declarations
Materials and Resources Credit – Building Product Disclosure and Optimization-Sourcing of Raw Materials
Materials and Resources Credit – Building Product Disclosure and Optimization –Material Ingredients
Materials and Resources Credit – Construction and Demolition Waste Management
Materials and Resources Credit – Building Life-Cycle Impact Reduction
Indoor Environmental Quality Credit – Construction Indoor Air Quality Management Plan
Indoor Environmental Quality Credit – Low-Emitting Materials
Indoor Environmental Quality Credit – Indoor Air Quality Assessment (Option 2 Air Testing)

Most LATICRETE portland cement and sand based products are manufactured at our local facilities. Many of the raw materials used to manufacture these products supplied are sourced from within a 100 mile (162 km) radius. The LATICRETE International Inc. facility locations are as follows:

LATICRETE International, Inc. 1 LATICRETE Park North Bethany, CT 06524	LATICRETE International, Inc. 22740 Temescal Canyon Road Corona, CA 92883	LATICRETE International, Inc. 1710 111th Street Grand Prairie, TX 75050
LATICRETE International, Inc. 6769 White Drive West Palm Beach, FL 33407	LATICRETE International, Inc. 4620 West 84 th St. Building II, Suite 200 Indianapolis, IN 46268	LATICRETE International, Inc. 1 Laticrete Park South East 299 Industry Dr. Hamlet, NC 28345
LATICRETE International, Inc. 1 Laticrete Park Pacific North West 100 Entek Way Lebanon, OR 97355	LATICRETE International (L&M) 412 Laurel St. Pottstown, PA 19464	LATICRETE Mexicana, SAPI de C.V Belisario Dominguez #1779 Col. Obisdapo Monterrey, Nuevo León 64060

VOC Content is determined using EPA Method 24. All LATICRETE products are designed without PFAS.

PORTLAND CEMENT BASED ADHESIVES, UNDERLAYMENTS AND GROUTS:

The following product materials are of washed sand (to minimize silica dust) or limestone (unsanded) and portland cement product with no VOC content. Since the product is a sand and portland cement blend the hardened, cured product can be disposed of as a crushed, recyclable aggregate.

Product Name	VOC Content
1500 Sanded Grout † ♦ ✱ ✱	0.00 g/L ^
1600 Unsanded Grout † ♦ ✱ ✱	0.00 g/L ^
PERMACOLOR® Grout † ♦ ✱ ✱	0.00 g/L ^
PERMACOLOR Select † ♦ ✱ ✱ United States Invention Patent No: 6,784,229 (and other Patents)	0.00 g/L ^
PERMACOLOR Select NS ♦ ✱	0.00 g/L ^
MVIS™ Pointing Mortar ♦ ✱ ✱	0.00 g/L ^
MVIS Premium Pointing Mortar ♦ ✱ ✱	0.00 g/L ^
226 Thick Bed Mortar † ✱ ✱	0.00 g/L ^
3701 Fortified Mortar Bed † ✱ ✱	0.00 g/L ^
3701 Lite Mortar † ✱ ✱	0.00 g/L ^
3701 Lite Mortar R † ✱ ✱	0.00 g/L ^
209 Floor Mud ✱ ✱	0.00 g/L ^
Quick Cure Mortar Bed † ✱ ✱	0.00 g/L ^
MVIS Premium Mortar Bed † ✱ ✱	0.00 g/L ^
MULTIMAX™ LITE † ♦ ✱ ✱	0.00 g/L ^
255 MULTIMAX † ♦ ✱ ✱	0.00 g/L ^
254 PLATINUM™ † ♦ ✱ ✱	0.00 g/L ^
254R Platinum Rapid ♦ ✱ ✱	0.00 g/L ^
254 PLATINUM PLUS † ♦ ✱ ✱	0.00 g/L ^
125 TRI-MAX® † ♦ ✱ ✱	0.00 g/L ^
253 Gold † ♦ ✱ ✱	0.00 g/L ^
253R Gold Rapid ♦ ✱ ✱	0.00 g/L ^
252 Silver † ♦ ✱ ✱	0.00 g/L ^
LHT † ♦ ✱ ✱	0.00 g/L ^
LHT PLUS™ † ♦ ✱ ✱	0.00 g/L ^
SURE SET™ LHT † ✱ ✱	0.00 g/L ^
GLASS TILE ADHESIVE LITE † ♦ ✱ ✱	0.00 g/L ^
4-XLT † ♦ ✱ ✱	0.00 g/L ^
4-XLT Rapid ♦ ✱ ✱	2.56 g/L ^
TRI-LITE™ † ♦ ✱ ✱	0.00 g/L ^
TRI-LITE Rapid ♦ ✱ ✱	0.00 g/L ^
272 Mortar † ♦ ✱ ✱	0.00 g/L ^
317 Mortar † ♦ ✱ ✱	0.00 g/L ^
Skim Lite † ✱ ✱	0.00 g/L ^
MVIS Veneer Mortar † ♦ ✱ ✱	0.00 g/L ^
MVIS Hi-Bond Veneer Mortar † ♦ ✱ ✱	0.00 g/L ^
MVIS LIGHTWEIGHT Mortar ♦ ✱ ✱	0.00 g/L ^
MVIS Lite Wall Float † ✱ ✱	0.00 g/L ^
MVIS Thin Brick Mortar ♦ ✱ ✱	0.00 g/L ^
MVIS Builders Veneer Mortar † ♦ ✱ ✱	0.00 g/L ^
NXT® LEVEL PLUS † ♦ ✱ ✱	0.00 g/L ^
NXT LEVEL † ♦ ✱ ✱	0.00 g/L ^
NXT LEVEL Flow † ♦ ✱ ✱	0.00 g/L ^
NXT Patch ✱ ✱	0.00 g/L ^
NXT LEVEL DL † ♦ ✱ ✱	0.00 g/L ^
NXT LEVEL SP † ♦ ✱ ✱	0.00 g/L ^
NXT LEVEL PLUS LITE † ✱ ✱	0.00 g/L ^
LATICRETE® SUPERCAP® SC500 (Concentrate) † ♦ ✱ ✱	0.00 g/L ^
LATICRETE SUPERCAP SC500 (Sanded) † ♦ ✱ ✱	0.00 g/L ^

ADDITIVES / PRIMERS:

NOTE: The following products are manufactured at our Bethany, CT location with some possibly manufactured in our Grand Prairie, TX facility. PRIME N' BOND® is manufactured in North East OH.

Product Name	VOC Content
3701 Mortar Admix † **	<2.39 g/L ^
333 Super Flexible Additive **	<2.39 g/L ^
PRIME N' BOND® † **	0.9 g/L °
Primer Plus † **	7.00 g/L ^
FRACTURE BAN™ Primer **	7.00 g/L °
STRATA HEAT™ Thermal Pack **	0.00 g/L ^

MEMBRANES:

NOTE: The following products are manufactured at our Bethany, CT location (except for HYDRO BAN® Sheet Membrane, STRATA MAT™ and STRATA MAT XT).

Product Name	VOC Content
HYDRO BAN® † **	2.39 g/L *
HYDRO BAN XP † **	2.39 g/L *
HYDRO BAN Quick Cure † **	20.00 g/L *
HYDRO BAN Cementitious Waterproofing † **	2.39 g/L *
HYDRO BAN 1 **	24 g/L *
MVIS™ Air & Water Barrier † **	2.39 g/L *
MVIS WCI **	23.00 g/L *
9235 Waterproofing Membrane † **	2.39 g/L *
FRACTURE BAN™ SC **	2.39 g/L *
STRATA MAT™ † **	N/A
STRATA MAT XT **	N/A
HYDRO BAN Sheet Membrane **	N/A
170.3 Sound & Crack Isolation Mat † **	N/A
170.5 Sound & Crack Isolation Mat † **	N/A
HYDRO BARRIER PLUS † **	2.39 g/L *
LATAPOXY® Waterproof Flashing Mortar **	3.36 g/L *

EPOXY PRODUCTS:

NOTE: The following products are manufactured at our Bethany, CT location.

Product Name	VOC Content
LATAPOXY® 300 Adhesive † **	2.00 g/L ^
LATAPOXY BIOGREEN™ 300 Adhesive † **	17.00 g/L ^
LATAPOXY 310 Stone Adhesive (Pail) **	11.00 g/L ^
LATAPOXY 310 Stone Adhesive (Cartridge) **	6.00 g/L ^
LATAPOXY 310 Rapid Stone Adhesive **	17.00 g/L ^
VAPOR BAN™ E † **	9.40 g/L □
VAPOR BAN ER **	50.40 g/L
VAPOR BAN Primer ER **	55.00 g/L
VAPOR BAN Primer W **	96.00 g/L
SPECTRALOCK® DAZZLE™ **	0.00 g/L ^
SPECTRALOCK 2000 IG † **	0.80 g/L ^
SPECTRALOCK Cleaning Additive **	0.00 g/L
SPECTRALOCK PRO Premium Grout † **	16.00 g/L ^
United States Invention Patent No.: 6,881,768 (and other Patents)	
SPECTRALOCK PRO Premium Translucent Grout † **	59.00 g/L ^
United States Invention Patent No.: 6,881,768 (and other Patents)	

READY-TO-USE Adhesive & Grouts:

The following products are organic based adhesives.

Product Name	VOC Content
15 Premium Mastic **	35.95 g/L ^
SPECTRALOCK 1 † **	11 g/L ^
READY-TO-USE Grout (Sanded / Translucent) **	42 g/L / 35 g/L

SEALANT:

The following products are sealants and a primer.

Product Name	VOC Content
Premium Acrylic Caulk **	50 g/L #
LATASIL™ **	37.16 g/L #
LATASIL 9118 Primer **	748.17 g/L ~
MVIS™ Flashing Sealant **	37.16 g/L #
HYDRO BAN® Adhesive & Sealant **	18 g/L +

SOUND CONTROL:

NOTE: The following product is manufactured at our Bethany, CT and Grand Prairie, TX locations only.

Product Name	VOC Content
125 TRI-MAX® † ♦ **	0.00 g/L ^

SEALERS (LOW-SOLIDS COATING):

NOTE: The following Low Solids Coating products are manufactured in Monterrey, Mexico.

Product Name	(Low-Solids) VOC Content including water
STONETECH Salt Water Resistant Sealer **	66 g/L**

SEALERS

NOTE: The following sealer products are manufactured in Monterrey, Mexico.

Product Name	VOC Content (excluding water)
STONETECH® BulletProof® Sealer **	32 g/L ∞
STONETECH Heavy Duty Sealer **	23 g/L ∞
STONETECH Enhancer Pro Sealer **	99 g/L ∞
STONETECH High Gloss Finish & Sealer **	80 g/L ∞
STONETECH Semi Gloss Finish & Sealer **	52 g/L ∞

CLEANER / RESEALERS

NOTE: The following sealer products are manufactured in Monterrey, Mexico. VOC Content values are for both Citrus and Spring Rain scents)

Product Name	VOC Content (excluding water)
STONETECH® Revitalizer® Cleaner & Protector – Concentrate **	11 g/L ∞
STONETECH Revitalizer Cleaner & Protector – Ready-to-Use **	1.8 g/L ∞

L&M™ CONSTRUCTION CHEMICALS:**LOW SOLIDS COATINGS (SEALERS)**

NOTE: Low Solids Coatings product calculations include water.

Product Name	(Low Solids) VOC Content including water
L&M™ AQUAPEL™ **	7 g/L**
L&M AQUAPEL PLUS™ **	10 g/L**
L&M PETROTEX™ **	0.3 g/L**

CONCRETE SEALERS:

Product Name	VOC Content
L&M™ LUMISEAL FX™ **	116 g/L

CONCRETE CURING COMPOUNDS:

Product Name	VOC Content
L&M™ CHEM HARD™ **	0.00 g/L ^Δ
L&M E-CON™ **	63 g/L ^Δ
L&M FGS HARDENER PLUS™ **	0.00 g/L ^Δ
L&M CURE™ **	0.00 g/L ^Δ
L&M CURE W™ **	1.1 g/L ^Δ
L&M CURE W2™ **	0.9 g/L ^Δ
L&M LION HARD® **	6.1 g/L ^Δ
L&M SEAL HARD® **	0.00 g/L ^Δ

Concrete Curing & Sealing Compounds:

Product Name	VOC Content
L&M DRESS & SEAL WB * **	204 g/L
L&M DRESS & SEAL WB 30™ * **	184 g/L

Form Release Compounds:

Product Name	VOC Content
L&M™ DEBOND® * **	4.2 g/L ^Δ
L&M DEBOND GOLD™ * **	4.2 g/L ^Δ
L&M EZ STRIP™ * **	4.5 g/L ^Δ

Emery Topping and Dry-Shake Hardeners:

The following L&M products are manufactured in Bayville, NJ.

Product Name	VOC Content
L&M™ EMERYTOP 400™ * **	0.0 g/L
L&M EMERYPLATE FF™ * **	0.0 g/L
L&M QUARTZPLATE FF™ * **	0.0 g/L
L&M TRAP ROCK™ * **	0.0 g/L

Structural Grouts and Patches:

The following L&M products are manufactured in Grand Prairie, TX.

Product Name	VOC Content
L&M™ CRYSTEX® * **	0.0 g/L
L&M DURACRETE™ * **	0.0 g/L
L&M DURAGROUT™ * **	0.0 g/L

L&M Cleaners:

Product Name	VOC Content
L&M PERMAGUARD™ SPS * **	49.9 g/L
L&M FGS CONDITIONER™ * **	0.00 g/L

L&M Latex Additive / Primer:

The following L&M product is manufactured in Pottstown, PA.

Product Name	VOC Content
L&M™ EVERBOND™ * **	25 g/L [^]

- † UL GREENGUARD Gold certified products. Please visit <https://laticrete.com/en/innovation-and-impact/green-leed/greenguard-certified-products> for UL GREENGUARD Gold certificates.
- ^ Meets the VOC requirements of South Coast Air Quality Management District (SCAQMD) Rule #1168 (65 g/L less water) **and** Bay Area Air Quality Management District (BAAQMD) Regulation 8, Rule 51 (130 g/L).
- # Meets the VOC requirements of South Coast Air Quality Management District (SCAQMD) Rule #1168, current version (250 g/L less water) **and** Bay Area Air Quality Management District (BAAQMD) Regulation 8, Rule 51 (250 g/L).
- * Meets the VOC requirements of South Coast Air Quality Management District Rule #1113 (100 g/L less water) as well as LEED v4 and v4.1 Credit Low Emitting Materials for waterproofing sealers.
- ** Meets the VOC requirements of South Coast Air Quality Management District Rule #1113 (120 g/L including water) as well as LEED v4 and v4.1 Credit Low Emitting Materials as a Low-Solids Coating.
- ~ Meets the VOC requirements of South Coast Air Quality Management District (SCAQMD) Rule #1168 for Architectural porous sealant primers (775 g/L less water).
- + Meets the VOC requirements of South Coast Air Quality Management District (SCAQMD) Rule #1168 for Dry Wall and Panel Adhesives (50 g/L)
 - ° Meets the VOC requirements of South Coast Air Quality Management District (SCAQMD) Rule #1113 for Primers, Sealers, Undercoaters (100 g/L less water).
- Δ Meets the VOC requirements of South Coast Air Quality Management District (SCAQMD) Rule #1113 for Concrete Curing Compounds (100 g/L less water).
- ◊ Meets the VOC requirements of South Coast Air Quality Management District (SCAQMD) Rule #1113 for Form Release Compounds (100 g/L less water).
- ∞ Meets the VOC requirements of South Coast Air Quality Management District (SCAQMD) Rule #1113 for Tile and Stone Sealers (100 g/L less water).
- Meets the VOC requirements of South Coast Air Quality Management District (SCAQMD) Rule #1113 for Floor Coatings (50 g/L less water).
- ♣ Industry-Wide Environmental Product Declaration.
- ♦ Product Specific (Type III) Environmental Product Declaration.
- * Living Building Challenge (LBC) Red List Free
- ** PFAS Free (Designed without PFAS)

N/A Not Applicable



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