



Low VOC LATICRETE® Products / LEED Certification (LEED 2009) 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 2009 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 www.laticrete.com/green.

For all of your job specific LEED certifications of LATICRETE products, please visit www.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 help contribute to LEED Credits MR 2.

125 Sound & Crack Isolation Adhesive contains 33% post-consumer recycled content, and 170 Sound & Crack Isolation Mat contains 89.5% post-consumer recycled content. Several LATICRETE products also contain pre-consumer recycled content. These products will contribute to LEED Credits MR 4.1 and MR 4.2 and LEED Schools EQ 9 (LEED Schools only).

LATICRETE products help contribute to the following LEED Credits and LEED Schools Credits (unless otherwise noted);

- MR Credit 2 - Construction Waste Management (Divert 50% from Disposal)
 - Construction Waste Management (Divert 75% from Disposal)
- MR Credit 4 - Recycled Content 10% (post-consumer + ½ pre-consumer)
 - Recycled Content 20% (post-consumer + ½ pre-consumer)
- MR Credit 5 - Regional Materials (10% Extracted, Processed & Manufactured Regionally)
 - Regional Materials (20% Extracted, Processed & Manufactured Regionally)
- EQ Credit 4.1 - Low Emitting Materials (Adhesives and Sealants)
- EQ Credit 4.2 - Low Emitting Materials (Paints and Coatings)
- EQ Credit 4.3 - Low Emitting Materials: Flooring System
- EQ 9 – Enhanced Acoustical Performance (LEED Schools only)
- EQ 10 – Mold Prevention (LEED Schools only)

Most LATICRETE portland cement and sand based products are manufactured at our local facilities. The raw materials used to manufacture these products supplied to our facilities are within a 500 mile (804.6 km) radius. The LATICRETE International, Inc. facility locations are as follows:

LATICRETE International, Inc. 1 LATICRETE Park North Bethany, CT 06524	LATICRETE International, Inc. 22550 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. Indianapolis, IN 46268	LATICRETE International, Inc. 299 Industry Dr. Hamlet, NC 28345
LATICRETE International, Inc. 100 Entek Way Lebanon, OR 97355		

PORTLAND CEMENT BASED ADHESIVES, UNDERLAYMENTS AND GROUTS:

The following product materials are of a 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 ^
PLASMA (Sanded); PLASMA (Translucent)	35.00 g/L; 42.8 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 †	0.00 g/L ^
MVIS Premium Mortar Bed †	0.00 g/L ^
211 Powder †	0.00 g/L ^
255 MULTIMAX™ † United States Invention Patent No.: 6,784,229 (and other Patents)	0.00 g/L ^
254 Platinum †	0.00 g/L ^
254R Platinum Rapid	0.00 g/L ^
125 Sound & Crack Adhesive †	0.00 g/L ^
SURE SET™ †	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 ^
Glass Tile Adhesive †	0.00 g/L ^
4-XLT	0.00 g/L ^
4-XLT Rapid	2.56 g/L ^
272 Mortar †	0.00 g/L ^
317 Mortar †	0.00 g/L ^
MVIS Veneer Mortar †	0.00 g/L ^
MVIS Hi-Bond Veneer Mortar †	0.00 g/L ^
MVIS Hi-Bond Rapid Veneer Mortar	0.00 g/L ^
MVIS Thin Brick Mortar	2.56 g/L ^
8500 Glass Block Mortar	0.00 g/L ^
220 Marble & Granite Mortar †	0.00 g/L ^
209 Floor Mud	0.00 g/L ^
NXT ™ Level Plus †	0.00 g/L ^
NXT Level	0.00 g/L ^
NXT Patch	0.00 g/L ^
NXT Skim	0.00 g/L ^
DRYTEK® LEVELEX™	0.00 g/L ^
DRYTEK LEVELEX Plus †	0.00 g/L ^
DRYTEK LEVELEX DL	0.00 g/L ^
DRYTEK LEVELEX FR	0.00 g/L ^
DRYTEK Patch	0.00 g/L ^
DRYTEK Skimcoat	0.00 g/L ^
LATICRETE® SUPERCAP® SC500 (Concentrate) †	0.00 g/L ^
LATICRETE SUPERCAP SC500 (Sanded) †	0.00 g/L ^
LATICRETE SUPERCAP SC500 Plus	0.00 g/L ^
LATICRETE SUPERCAP SC500 LW	0.00 g/L ^
LATICRETE SUPERCAP Skimcoat	0.00 g/L ^

LIQUID LATEX ADDITIVES:

The following latex based additives have negligible VOC content.

NOTE: The following products are manufactured at our Bethany, CT location with some possibly manufactured in our Grand Prairie, TX facility.

Product Name	VOC Content
3701 Mortar Admix †	<2.39 g/L ^
4237 Latex Additive †	<2.39 g/L ^
333 Flexible Additive	<2.39 g/L ^
8510 Bonding Admix	<2.39 g/L ^
101 Rapid Latex Admix	<2.39 g/L ^
1776 Grout Enhancer †	<2.39 g/L ^
73 Crete Admix	<2.39 g/L ^
3642 Latex Concentrate	<2.39 g/L ^
NXT™ Primer	7.00 g/L ^
DRYTEK® LEVELEX™ Primer †	7.00 g/L ^
LATICRETE® SUPERCAP® Primer Plus †	7.00 g/L ^

MEMBRANES:

The following membrane products have negligible VOC content.

NOTE: The following products are manufactured at our Bethany, CT location (except for STRATA_MAT™).

Product Name	VOC Content
Blue 92 Anti-Fracture Membrane †	2.39 g/L *
HYDRO BAN® †	2.39 g/L *
Air & Water Barrier †	2.39 g/L *
9235 Waterproofing Membrane † (Tested per EPA Method 24)	2.39 g/L *
STRATA_MAT †	0.00 g/L
STRATA_MAT XT	0.00 g/L
HYDRO BARRIER™ †	2.39 g/L *
9237 Waterproofing Membrane	2.39 g/L *
LATAPOXY® Waterproof Flashing Mortar	3.36 g/L *

EPOXY PRODUCTS:

The following epoxy products have negligible VOC content.

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

Product Name	VOC Content
LATAPOXY 300 Adhesive †	0.80 g/L ^
LATAPOXY 210 Modified Epoxy Adhesive	0.00 g/L ^
LATAPOXY 310 Stone Adhesive	<0.65 g/L ^
LATAPOXY 310 Rapid Stone Adhesive	<1.01 g/L ^
LATICRETE NXT Vapor Reduction Coating	9.4 g/L ^
DRYTEK Moisture Vapor Barrier	9.4 g/L ^
LATICRETE SUPERCAP Moisture Vapor Control	9.4 g/L ^
DRYTEK Epoxy Primer	36.00 g/L ^
LATAPOXY SP-100	0.80 g/L ^
SPECTRALOCK® DAZZLE™	0.00 g/L ^
SPECTRALOCK 2000 IG †	0.80 g/L ^
SPECTRALOCK PRO Premium Grout † United States Invention Patent No.: 6,881,768 (and other Patents)	0.031 g/L ^
SPECTRALOCK PRO Grout † United States Invention Patent No.: 6,881,768 (and other Patents)	0.031 g/L ^
MVIS Epoxy Pointing Mortar †	0.031 g/L ^

MASTIC:

The following products are organic based adhesives.

Product Name	VOC Content
15 Premium Mastic	35.95 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 ~

SOUND CONTROL:

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

Product Name	VOC Content
125 Sound & Crack Adhesive †	0.00 g/L ^

SPARTACOTE:

The following SPARTACOTE products are manufactured in Angola, IN.

Product Name	VOC Content
SPARTACOTE FLEX SB™	228 g/L
SPARTACOTE FLEX XT™	35.7 g/L †
SPARTACOTE FLEX PURE™	3.39 g/L †
SPARTACOTE FLEX SB Low Gloss	65.51 g/L †
SPARTACOTE FLEX SB with any SPARTACOTE Polyaspartic Pigment	289 g/L
SPARTACOTE SurfaceBuild 110™	40 g/L
SPARTACOTE SurfaceBuild 150™	9.29 g/L †

SEALERS:

NOTE: The following Low Solids Coating products are manufactured in Pittsburg, CA. Cleaners are not subject to VOC requirements in LEED 2009 (v3).

Product Name	(Low Solids) VOC Content including water
STONETECH® BULLETPROOF®	12 g/L**
STONETECH Enhancer	19 g/L**
STONETECH Enhancer Pro (solvent based)	632 g/L
STONETECH Grout Release	7 g/L**
STONETECH Grout Sealer	4 g/L**
STONETECH Heavy Duty Exterior Sealer (solvent based)	724 g/L
STONETECH Heavy Duty Sealer	8 g/L**
STONETECH IMPREGNATOR PRO® Sealer (solvent based)	748 g/L
STONETECH Natural Stone Countertop Sealer	8 g/L**
STONETECH Polish	23 g/L**
STONETECH Salt Water Resistant Sealer	66 g/L**
STONETECH Sealer	2 g/L**
PAVER ARMOR PRO™ Premium Penetrating Natural Look Sealer	8 g/L**
PAVER ARMOR PRO Premium Waterproofing Natural Look Sealer	724 g/L
PAVER ARMOR PRO Premium Salt Repelling Natural Look Sealer	66 g/L**
Stone Care Premium Stone Sealer	8 g/L**
Stone Care Granite and Marble Countertop Sealer	8 g/L**
Stone Care Stone Sealer	2 g/L**
Stone Care Salt Water Resistant Sealer	66 g/L**
Stone Care Enhancer & Sealer	19 g/L**
Stone Care Granite and Marble Countertop Polish	23 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™	7 g/L**

Sealers:

Product Name	VOC Content
L&M LUMISEAL FX™	118 g/L
L&M LUMISEAL PLUS™	697 g/L
L&M LUMISEAL WB™	99 g/L
L&M LUMISEAL WB PLUS™	105 g/L

Concrete Curing Compounds:

Product Name	VOC Content
L&M L&M CHEMHARD™	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 R™	365 g/L
L&M CURE R RED DYE™	305 g/L ^Δ
L&M CURE R2™	325 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™	690 g/L
L&M DRESS & SEAL 30™	688 g/L
L&M DRESS & SEAL WB 30™	184 g/L ^Δ

Form Release Compounds:

Product Name	VOC Content
L&M DEBOND®	4.2 g/L
L&M DEBOND GOLD™	4.2 g/L
L&M EZ STRIP™	4.5 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 DURAPATCH HIWAY™	0.0 g/L
L&M DURAPATCH INDUSTRIAL™	0.0 g/L
L&M DURAPATCH VOH™	0.0 g/L
L&M DURAPLUG™	0.0 g/L
L&M FASTRAK™	0.0 g/L

- † UL GREENGUARD Gold certified products. Please visit www.laticrete.com/green 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 (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) and LEED 2009 (v3) Credit 4.2.
- ** Meets the VOC requirements of South Coast Air Quality Management District Rule #1113 (120 g/L including water) and LEED 2009 (v3) Credit 4.2 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 #1113 for Floor Coatings (100 g/L less water).
- Δ Meets the VOC requirements of South Coast Air Quality Management District (SCAQMD) Rule #1113 for Concrete Curing Compounds (350 g/L less water).

Technical Data Sheets are subject to change without notice. For latest revision, check our website at www.laticrete.com
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