



LATICRETE and LEED Points

TDS 156

LATICRETE International, Inc. manufactures a variety of products that meet the stringent requirements of GreenGuard® Environmental Institute standards, and, as such, have earned GreenGuard and GreenGuard for Children and SchoolsSM certification. This certification means that the architectural and building industries do not have to rely on “in-house” testing which provide the required information for LEED and LEED Schools points.

The LATICRETE products which have achieved GreenGuard and GreenGuard for Children and Schools certification fall under 7 categories which include Waterproofing Membranes, Anti-Fracture Membranes, Thick Bed Mortar, Epoxy Adhesive, Thin-Sets, Epoxy Grouts, and Cement Grouts.

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 products can **help** contribute to 8 LEED Green Building Design and Construction Reference Guide, 2009 Edition and 10 LEED Schools Reference Guide, 2007 points in the following credits;

MR 2.1 – Construction Waste Management (Divert 50% from Disposal) – Divert construction, demolition and land clearing debris from disposal in landfills and incinerators. Redirect recyclable recovered resources back to the manufacturing process. Redirect reusable materials to appropriate sites. *MR 2.1 is worth 1 LEED point.*

MR 2.2 – Construction Waste Management (Divert 75% from Disposal) – Divert construction, demolition and land clearing debris from disposal in landfills and incinerators. Redirect recyclable recovered resources back to the manufacturing process. Redirect reusable materials to appropriate sites. *MR 2.2 is worth 1 LEED point in addition to MR Credit 2.1.*

MR 4.1 – Recycled Content 10% (post-consumer + ½ pre-consumer) – Increase demand for building products that incorporate content materials, thereby reducing impacts resulting from extraction and processing of virgin materials. *MR 4.1 is worth 1 LEED point.*

MR 4.2 – Recycled Content 20% (post-consumer + ½ pre-consumer) – Increase demand for building products that incorporate content materials, thereby reducing impacts resulting from extraction and processing of virgin materials. *MR 4.2 is worth 1 LEED point in addition to MR 4.1.*

MR 5.1 – Regional Materials (10% Extracted, Processed & Manufactured Regionally) - Products that have been extracted, harvested or recovered, as well as manufactured, within 500 miles of the project site for a minimum of 10% (**based on cost**) of the total materials value. *MR 5.1 is worth 1 LEED point.*

MR 5.2 – Regional Materials (20% Extracted, Processed & Manufactured Regionally) - Products that have been extracted, harvested or recovered, as well as manufactured, within 500 miles of the project site for a minimum of 20% (**based on cost**) of the total materials value. *MR 5.2 is worth 1 LEED point in addition to MR Credit 5.1.*

EQ 4.1 – Low-Emitting Materials (Adhesives & Sealants*) – All adhesives and sealants used on the interior of the building shall comply with the South Coast Air Quality Management District (SCAQMD) Rule #1168. To meet the requirement of this credit, ceramic tile adhesives must have a VOC content of less than 65g/L, porous sealants* must have a VOC content of less than 750 g/L, and non-porous sealants* must have a VOC content of less than 250 g/L. *EQ 4.1 is worth 1 LEED point.*

EQ 4.3 – Low Emitting Materials: Flooring Systems – Takes into consideration the VOC content of the entire flooring system including hard surface material[†] (hard surface material must be certified as compliant with FloorScore standard by

independent third party), tile setting adhesives and grout, AND any sealers or coatings. Tile adhesives shall comply with SCAQMD Rule #1168 as shown in EQ 4.1 above. *EQ 4.3 is worth 1 LEED point.*

EQ 9 (LEED Schools only) – Enhanced Acoustical Performance – attain sound ratings that meet ANSI S12.60-2002 standards to facilitate better teacher-to-student and student-to-student communications. LATICRETE products will only contribute to improving IIC performance within classroom space from floors above. Requires LEED Schools EQ Prerequisite 3 to obtain this credit. *EQ Credit 9 is worth 1 or 2 LEED points (please refer to LEED Schools Reference Guide for more information).*

EQ 10 (LEED Schools only) – Mold Prevention – reduce the potential presence of mold in schools to improve air quality and maintain a healthy learning environment. Requires LEED Schools EQ Credit 3.1, EQ Credit 7.1 and EQ Credit 7.2 to obtain this credit. *EQ Credit 10 is worth 1 LEED point.*

* Sealant – any material with adhesive properties that is formulated primarily to fill, seal, or waterproof gaps or joints between two surfaces. Sealants include sealant primers and caulks.

Non-porous Sealant – a substance used as a sealant on non-porous materials. Non-porous materials do not have openings in which fluids may be absorbed or discharged. Such materials include, but are not limited to, plastic and metal.

Porous Sealant – a substance used as a sealant on porous materials. Porous materials have tiny openings, often microscopic, in which fluids may be absorbed or discharged. Such materials include, but are not limited to wood, fabric, corrugated paperboard, and plastic foam.

† Hard surface materials and flooring materials covered by FloorScore include ceramic tile, vinyl, linoleum, laminate flooring, wood flooring, rubber flooring, wall base, and associated sundries.

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