



Owens Corning Masonry Products Manufactured Stone Veneer

INNOVATIONS FOR LIVING®

HELPING YOU ACHIEVE LEED® CERTIFICATION



Owens Corning™ Manufactured Stone Veneer Products help improve thermal performance in commercial, institutional and high-rise residential buildings while adding to the aesthetic appeal of the project. This document applies to the LEED New Construction and Major Renovations, LEED Commercial Interiors, LEED Core & Shell, LEED for Schools and LEED for Existing Buildings, Operations & Maintenance products. As you pursue LEED Certification, rely on the products and expertise of Owens Corning™.

LEED Certification and the awarding of credits, is based on the overall project design, properly designed building systems and construction assemblies, and the performance of the project as a whole. Owens Corning Masonry Products can be a component of many of these systems and assemblies, with all components within those systems and assemblies being considered in assessing compliance with the LEED Rating System within a given category and credit. Owens Corning™ Manufactured Stone Veneer Products contribute to the categories listed below.

Owens Corning Masonry Products:

- Cultured Brick® Manufactured Brick
- Cultured Stone® Manufactured Stone Veneer
- ProStone® Manufactured Stone Veneer

Table 1 (Chart continued on next page)

Contribution to LEED Requirement

LEED Credit Category	LEED Requirement	Owens Corning™ Product Contribution
Energy and Atmosphere (EA)– Prerequisite 2: Minimum Energy Performance Credit 1: Optimize Energy Performance (1-19 points)	10% performance improvement for new buildings or 5% better performance for renovated existing buildings, with baseline building performance rating calculated per method in Appendix G of ANSI/ASHRAE/IESNA Standard 90.1-2007 for whole building simulation. Improve building performance rating compared with the baseline building performance rating, calculated per Appendix G of ANSI/ASHRAE/IESNA Standard 90.1-2007 a whole project simulation model, with points awarded per energy cost savings in LEED table.	Owens Corning Masonry Products help reduce building energy demand while improving thermal comfort for the occupants. The project team is responsible for conducting the energy analysis to determine the overall building energy efficiency. Owens Corning Masonry Products helps reduce building energy demand and improve thermal comfort. The overall contribution depends on the insulation R-value, the U-value of the construction assembly, and the assembly design. The project team is responsible for conducting the energy analysis to determine the overall building energy efficiency.
Materials & Resources (MR)– Credit 4: Recycled Content (1-2 points) Credit 5: Regional Material (1-2 points)	Materials with recycled content such that the sum of post-consumer recycled content plus ½ of the pre-consumer content constitutes at least 10% (1 point) or 20% (2 points), based on cost, of the total value of the materials in the project. Materials/products extracted and manufactured (or fraction thereof) within 500 miles of project site for a minimum of 10% (1 point) or 20% (2 points), based on cost, of the total materials value (fractional quantities contribute as percentage by weight).	Owens Corning Masonry products contain a minimum of 35% pre-consumer recycled content. Recycled content validation by UL Environment: www.ulenvironment.com . Owens Corning Masonry Products, made in 2 U.S. manufacturing plants, provide regionally available material manufactured and sourced within a 500 mile radius of project locations in many areas of the country. Owens Corning Masonry Products plant locations are shown in Fig. 1 with approximate 500-mile radii for each plant. Contact 1-800-GET PINK® for additional information.

Table I (Continued)

Contribution to LEED Requirement

LEED Credit Category	LEED Requirement	Owens Corning™ Product Contribution
Indoor Environmental Quality (IEQ)– Credit 4.6: Low Emitting Materials (1-4 points) Credit 7 & 7.1: Thermal Comfort (1 point each)	Meet 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 for all interior products, including insulation. Design HVAC systems and building envelope to meet the requirements of ASHRAE Standard 55-2004, Thermal Comfort Conditions for Human Occupancy. Demonstrate design compliance in accordance with the Section 6.1.1 documentation.	Owens Corning Masonry Products are GREENGUARD Certified for Low Emitting Products: IAQ and Children and Schools. Additional verification can be found at www.greenguard.org . Owens Corning Masonry Products contribute to a comfortable thermal environment. Contact 1-800 GET PINK® for additional information.
Innovation in Design (ID)– (1-4 points)	Credit can be achieved through any combination of the Innovation in Design and Exemplary Performance.	Refer to individual product data sheets or check with the local sales representative for product applications.

Note: No individual material enables a credit point to be taken within LEED because each category is dependent on the aggregate of all materials and their proportionate relationship to the total dollar cost of all materials.

Figure I

Owens Corning Masonry Products Plant Locations



To view other Owens Corning™ products that help contribute to LEED certification please visit <http://sustainability.owenscorning.com/> and download Pub. No. 10011611.



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