



INNOVATIONS FOR LIVING™

FIBERGLAS® BUILDING INSULATION

HELPING YOU ACHIEVE LEED CERTIFICATION

Owens Corning insulation products help improve thermal performance, moisture control, and sound quality in residential and commercial buildings. As you pursue LEED Certification, rely on the products and expertise of Owens Corning.

LEED certification points are based on the overall building design concept and performance. Owens Corning FIBERGLAS insulation products assist in attaining points for the categories listed in Table 1. All components referring to a given category must be taken into consideration to assess point compliance.

Owens Corning FIBERGLAS Products

- Thermal Batt Insulation
- Flame Spread 25/Flame Spread 25 Extended Flanges
- Sound Attenuation Batt
- Sonobatts®
- Curtainwall
- FIBERGLAS 700 Series
- QuietZone® Shaftwall
- FOAMULAR® Extruded Polystyrene
- High R CW Plus Extruded Polystyrene
- FOAMULAR® Extruded Polystyrene
- PINKCORE® Extruded Polystyrene
- Certified R® Metal Building Insulation
- Metal Building Insulation Elaminator® Insulation System

Table 1

Contribution to LEED Requirement

LEED Credit Category	LEED Requirement	FIBERGLAS Insulation Contribution	Additional Comments
Energy & Atmosphere—Optimize Energy Performance	2-10 points depending on percent reduction in energy use based on ASHRAE/IESNA Standard 90.1-1999	Insulation helps reduce building energy demand. Overall contribution dependent on R-value used.	Project team responsible for conducting energy analysis to determine overall building energy efficiency.
Material & Resource—Recycled Content	1-2 points dependent on post-consumer or post-industrial recycled content.	FIBERGLAS Insulation products contain 26% post-industrial and 9% post-consumer recycled content (35% total recycled content).	Recycled content certification by Scientific Certifications Systems: www.scs-certified.com . Additional verification can be found at: www.ciwmb.ca.gov/rcp
Material & Resource—Local/Regional Materials	1-2 points dependent on 20% of all materials manufactured regionally within 500 mile radius of project. Additional point if 50% of all materials are extracted, harvested, or recovered within 500 miles.	10 U.S. manufacturing plants and 4 Canadian plants help provide contribution to category points. Potential for extraction of raw materials to meet credit criteria.	Check with local sales representative, and refer to Fig 1, to determine finish material place of origin.
Innovation & Design Process	1-4 points dependent on effectiveness of innovation being applied	FIBERGLAS insulation is effective in reducing noise transfer through building assemblies, and improving room sound quality	Check with 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.



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Figure 1

FIBERGLAS Manufacturing Plant Locations



Delmar, NY USA
Eloy, AZ USA
Fairburn, GA USA
Kansas City, KS USA

Newark, OH USA
Salt Lake City, UT USA
Santa Clara, CA USA
Waxahachie, TX USA

Candiac, QC Canada
Edmonton, AB Canada
Toronto, ON Canada



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**OWENS CORNING
INSULATING SYSTEMS, LLC**
ONE OWENS CORNING PARKWAY
TOLEDO, OHIO, USA 43659

1-800-GET-PINK™
www.owenscorning.com

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