FIBERGLAS™ LIGHT DENSITY BUILDING INSULATION

HELPING YOU ACHIEVE LEED® CERTIFICATIONS

Owens Corning offers many products to the built environment that help improve thermal performance, moisture control, durability, and sound quality. This document provides an overview of the LEED® Building Design and Construction (BD+C) v4 and v4.1 credit opportunities that Owens Corning products may help a project qualify for.

Achieving credits toward LEED® certification is based on the overall project design, properly designed building systems and assemblies, and the performance of the project as a whole. Owens Corning products are often a component of these building systems and assemblies and help satisfy credit opportunities through third-party certified Environmental Product Declarations (EPDs), published Health Product Declarations (HPDs) and/or Declare labels, recycled content, GREENGUARD/GREENGUARD Gold certification, and regionality. As you pursue LEED® certification, rely on the products and expertise of Owens Corning.

Owens Corning® Fiberglas™ Light Density Insulation Products:

- PINK NextGen® Fiberglas™ Insulation Batts & Rolls
- PROPINK FastBatt® Insulation
- PINK Next Gen® Fiberglas™ Flame Spread 25
- PINK NextGen® Fiberglas™ Sound Attenuation Batts
- PINK® Fiberglas™ Sonobatts® Insulation
- EnergyComplete® System
- EnergyComplete® Spray Foam with Flexible Seal Technology & PINK™ Fiberglas™
- PROPINK Complete™ Blown-In Insulation
- PROPINK L77 Fiberglas™ Loosefill Insulation

CREDIT CATEGORY	LEED® V4 REQUIREMENT	LEED® V4.1 REQUIREMENT	OWENS CORNING® PRODUCT COMPARISON
ENERGY AND ATMOSPHERE (EA)			
Prerequisite: Minimum Energy Performance	Whole Building Energy Simulation Performance Improvement or Prescriptive Compliance in accordance with ANSI/ASHRAE/IESNA Standard 90.1-2010, Appendix G	Compliance with ANSI/ASHRAE/IESNA Standard 90.1-2016, with errata or a USGBC-approved equivalent standard. ASHRAE 90.1-2016 compliance pathways in Section 4.2.1.1 include compliance with all mandatory provisions, and compliance with additional provision(s) as specified in the LEED v4.1 standard.	Owens Corning® Pink Next Gen® Fiberglas™ Building Insulation helps reduce building energy demand. The overall contribution is dependent on the R-value of the insulation used and the regionally appropriate design of the building enclosure. Project team is responsible for conducting energy analysis to determine the overall building energy efficiency.
Credit: Sourcing of Raw Materials	Whole Building Energy Simulation improvement beyond prerequisite or Prescriptive Compliance using ASHRAE 50% Advanced Energy Design	Improved performance rating compared with baseline building performance rating per ANSI/ASHRAE/IESNA Standard 90.1-2007, Appendix G.	
MATERIALS & RESOURCES (MR)			
Credit: Environmental Product Declarations	Use at least 20 different permanently installed products that have a third-party certified EPD, sourced from at least five different manufacturers.		Owens Corning® Pink Next Gen® Fiberglas™ Building Insulation products carry a third-party certified EPD. See https://www.scsglobalservices.com/certified-green-products-guide for certification details.
Credit: Sourcing of Raw Materials	Sum of postconsumer recycled content plus ½ the preconsumer recycled content, constitutes 25%, by cost, of the total value of permanently installed building products in the project. Products sourced within 100 miles of project site valued at 200% of cost.	Sum of postconsumer recycled content plus ½ the preconsumer recycled content, multiplied by the cost of assembly, constitutes 15% (1 point) or 30% (2 points), by cost, of the total value of permanently installed building products in the project. Products sourced within 100 miles of project site are valued at twice their base contributing cost, up to a maximum of 200% of cost.	Owens Corning® Pink Next Gen® Fiberglas™ Insulation products are manufactured in a number of locations throughout North America (Figure 1) to provide regionally available material containing recycled content. See https://www.scsglobalservices.com/certified-green-products-guide for certification details.
Credit: Material Ingredients	Use at least 20 different permanently installed products from at least five different manufacturers that disclose the chemical inventory of the product to at least 0.1% (1,000 ppm) using recognized programs, including:		Owens Corning has published Red List Approved Declare labels for Pink Next Gen® Fiberglas™ Insulation products. They can be found at https://declare.living-future.org/.
	Declare — the Declare product label must indicate that all ingredients have been evaluated and disclosed down to 1,000 ppm.	Declare — the Declare product label must meet the following requirements: • Declare labels designated as Red List Free, LBC Red List Free, or Declared • Declare labels designated as LBC Red List Approved or LBC Compliant that demonstrate content inventory to 0.1% (1,000 ppm)	

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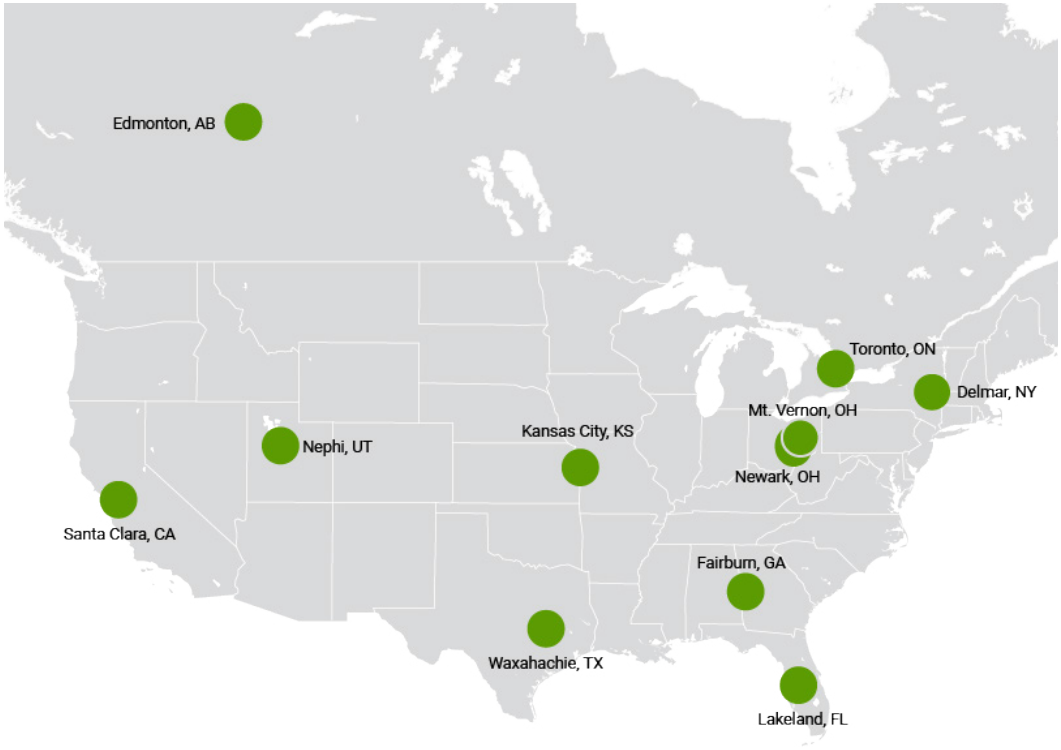
CREDIT CATEGORY	LEED® V4 REQUIREMENT	LEED® V4.1 REQUIREMENT	OWENS CORNING® PRODUCT COMPARISON
MATERIALS & RESOURCES (MR)			
Credit: Construction and Demolition Waste Management	Recycle and/or salvage nonhazardous construction and demolition materials. Diversion of at least 50% of the total construction and demolition material; diverted materials include at least three material streams.	Develop and implement a construction and demolition waste management plan and achieve points through waste prevention and/or diversion of at least 50% of the total construction and demolition materials from landfills and incineration facilities.	Owens Corning® Pink Next Gen® Fiberglas™ Insulation products can be removed and reused.
INDOOR ENVIRONMENTAL QUALITY (EQ)			
Credit: Low Emitting Materials	Achieve 100% threshold level of compliance with the General Emissions Evaluation for ceilings, walls, thermal, and acoustic insulation.	At least 75% of all insulation, by cost or surface area, meets the VOC emissions evaluation.	Owens Corning® Pink Next Gen® Fiberglas™ Insulation products are GREENGUARD Gold Certified and meet the General Emissions Evaluation (v4) and VOC emissions evaluation (V4.1) criteria. See ul.com/spot for certification.
Credit: Thermal Comfort	Design heating, ventilating, and air conditioning (HVAC) systems and the building envelope to meet the requirements of ASHRAE Standard 55-2010, Thermal Comfort Conditions for Human Occupancy with errata or a local equivalent.	Design heating, ventilating, and air-conditioning (HVAC) systems and the building envelope to meet the requirements of ASHRAE Standard 55-2017, Thermal Comfort Conditions for Human Occupancy with errata or a local equivalent.	Owens Corning® Pink Next Gen® Fiberglas™ Insulation products contribute to a comfortable thermal environment. See individual product data sheets for details, and 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.

Owens Corning® Fiberglas™ Insulation Plant Locations

To request a LEED® Credit Estimate, simply fill out the **LEED® Request Form** and hit submit. Someone will reach out with your estimate within five business days.

All LEED® Reports will provide the following documentation (if applicable to the product): Recycled Content Certificate, GreenGuard Certification, EPD, and HPD. Please see the **Owens Corning Commercial Insulation Claims Guide** for detailed descriptions of Sustainability documentation.



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To view other Owens Corning products that help contribute to LEED® certification, please visit: sustainability.owenscorning.com

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