



COMMERCIAL INSULATION CLAIMS GUIDE

Products Made with 100% Renewable Electricity and Reduced Embodied Carbon

A growing number of Owens Corning® products, including some of our high-density insulation products and shingles, are certified as made with 100% renewable electricity and are part of a reduced embodied-carbon portfolio. These products were certified in accordance with SCS Global Services' certification protocol. The certifications are made possible by power purchase agreements Owens Corning signed in 2015, which enabled new wind capacity in Texas and Oklahoma. Both wind farms came online in late 2016 and have the potential to generate 1.1 million megawatt hours of electricity per year. Owens Corning obtains and retires the energy attribute credits (EACs) generated by these wind farms, enabling us to receive third-party renewable electricity certification.

Declare Label

The International Living Future Institute's (ILFI) Declare program, the nutrition label for building products, is often compared to nutritional labels on packaged foods. The Declare "nutrition label" for products provides a clear, informative method for the manufacturer to disclose ingredients of their products. Additionally, the Declare product database helps the designers and specifiers to make more informative choices when it comes to product selection.

GREENGUARD

Products with UL GREENGUARD® Certification have met comprehensive standards for low emissions of volatile organic compounds (VOCs) into indoor air. The UL GREENGUARD® Gold Certification Standard includes health-based criteria for additional chemicals and requires lower total VOC emissions levels. GREENGUARD® Gold Certified products are qualified for use in environments such as schools and healthcare facilities.

GREENGUARD® Gold Certified products must follow requirements of the State of California's Department of Public Health "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1 (2010)" (also known as California Section 01350).

Recycled Content Certification

Scientific Certification Systems (SCS) Global Services verifies recycled content in our fiberglass and extruded polystyrene (XPS) foam insulation products in North America.

ICC Evaluation Services (ICC-ES) verifies recycled content in our Thermafiber® insulation products. Owens Corning® Thermafiber® mineral wool insulation products are certified to have a minimum 70% recycled content.

USDA BioPreferred®

The United States Department of Agriculture (USDA) biobased labeling initiative is part of the U.S. farm bill focused on increasing the purchase and use of biobased products made from renewable agricultural materials. The purpose of the initiative is to identify biobased products for all buyers and to promote the sale and use of biobased products. To be USDA certified, vendor products undergo biobased product testing by an accredited laboratory.

Environmental Product Declaration (EPD)

An EPD is an independently verified and registered document that communicates transparent information about a product's environmental impacts throughout its lifecycle. Owens Corning has issued EPDs of all core building products. Our EPDs and Optimization Summaries can be found on several program operators' databases in the U.S. and EU.

Health Product Declaration®

The Health Product Declaration® (HPD) is a document for reporting the material contents of building products and the potential hazard associated with these materials. The reporting follows a set of stringent regulations, set by the Health Product Declaration Collaborative® (HPDc). HPD compares product ingredients to a set of priority "hazard" lists based on the GreenScreen for Safer Chemicals and additional lists from other agencies.

Formaldehyde-Free Claim Verification

UL Environment validates claims that a product does not contain formaldehyde (or formaldehyde precursors). The validation is based on auditing raw material inputs and testing chemical emissions from the product. Products with Formaldehyde-Free claim validation must also maintain UL GREENGUARD® Gold certification.

INSULATION PRODUCT COMPARISON

CERTIFICATIONS

	Reduced Embodied Carbon/100% Renewable Energy	Declare	UL GREENGUARD® Gold	Certified Recycled Content	USDA BioPreferred®	Environmental Product Declaration (EPD)	EPD Optimization Summary	Health Product Declaration (HPD)	Formaldehyde-Free	
INTERIOR ACOUSTICS	Thermafiber® SAFB™	•		•		•	•	•		
	Thermafiber® SAFB™ FF	•	•	•	•	•	•		•	
	Thermafiber® VersaBoard®	•			•	•	•	•		
	Fiberglas™ 700 Series Board	•			•	•		•		
	PINK® Next Gen™ Fiberglas™	•	•	•	•	•		•	•	
	PINK® Next Gen™ Fiberglas™ SAB	•	•	•	•	•		•	•	
	SelectSound®				•				•	
BUILDING ENCLOSURE	Thermafiber® RainBarrier®	•	•		•	•	•	•		
	Thermafiber® RainBarrier® Dark™	•			•	•	•			
	Thermafiber® FireSpan®	•			•	•	•	•		
	Thermafiber® FireSpan® FF	•	•	•	•	•	•		•	
	Thermafiber® TopStop®	•			•	•	•			
	Thermafiber® Safing	•			•	•	•	•		
	Thermafiber® Safing FF	•	•	•	•	•	•		•	
	Thermafiber® FireLedge® ¹	•			•	•	•	•		
	Thermafiber® FireLedge® FF ¹	•	•	•	•	•	•		•	
	Thermafiber® Fire & Sound Guard® Plus	•			•	•	•	•		
	Thermafiber® Fire & Sound Guard® Plus FF	•	•	•	•	•	•	•	•	
	Thermafiber® SAFB™	•			•	•	•	•	•	
	Thermafiber® SAFB™ FF	•	•	•	•	•	•	•		•
	PINK® Next Gen™ Fiberglas™	•	•	•	•	•	•		•	•
	FOAMULAR® ²			•	•		•		•	•
	FOAMULAR® NGX™	•		•	•		•	•	•	•
	FOAMGLAS® Cellular Glass ³		•		•		•			•
EcoTouch® Certified R MBI			•	•					•	

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1. Thermafiber® FireLedge® is FireSpan® 90 designed for field fabrication.
 2. FOAMULAR® insulation is HBCD compliant; all others do not contain flame retardant.
 3. For European-manufactured product