



MECHANICAL INSULATION CLAIMS GUIDE

At Owens Corning, we are committed to delivering mechanical insulation products that meet the highest standards of performance, safety, and sustainability.

This guide highlights our certified offerings to help you select the right solution for your project's unique needs. Many of our insulation products carry **GREENGUARD Gold Certification**, ensuring low chemical emissions and suitability for sensitive environments such as schools and healthcare facilities.

For added assurance, many of our products are validated as **formaldehyde-free (FF)**, supporting sensitive indoor environments. Whether your priority is compliance, sustainability, or high-performance thermal protection, this guide is designed to help you make informed decisions with confidence.

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 than GREENGUARD. 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 1.2 (2017)" (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.

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.[1]

Health Product Declaration® (HPD)

The 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 (FF) Claim Verification

UL 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.

Declare

The Declare label discloses product ingredients at or above 100 ppm present in the final product. Declare screens product ingredients against the Living Building Challenge (LBC) Red List. In addition, the Declare label demonstrates alignment with requirements within the Living Building Challenge and other green building certifications.

UL Listed label (UL L&L)

UL Listed labels are certifications from UL (formerly Underwriters Laboratories), a global leader in safety science. These marks signify that a product or component has been tested to specific safety standards to mitigate the risk of fire, electric shock, and other hazards. A UL Listed label is placed on a finished, standalone product, indicating that UL has tested representative samples and determined that it meets UL's safety standards.

Approved by the U.S. Coast Guard (USCG)

United States Coast Guard (USCG) certification confirms that the listed insulation materials are non-combustible and meet strict fire safety standards for use on marine vessels. This approval ensures compliance with U.S. and international maritime regulations, allowing the products to be legally and safely used on ships worldwide.

[1] https://newsroom.owenscorning.com/all-news-releases/news-details/2017/Owens-Corning-Mineral-Wool-Insulation-Earns-SAFETY-Act-Designation-from-the-US-Department-of-Homeland-Security/default.aspx

INSULATION PRODUCT COMPARISON GUIDE

		CERTIFICATIONS									FEATURES				
		GREENGUARD GOLD	Formaldehyde Free (FF)[4]	Certified Recycled Content	Environmental Product Declaration (EPD)	Health Product Declaration (HPD)	UL Classified	UL List & Label	Declare Label	Approved by U.S. Coast Guard (USCG)	Thermal Performance	Acoustic Performance	Moisture Resistant	Water Vapor Impermeable	Surface Burning Characteristics[5]
XPS	FOAMULAR® NGX® XPS Pipe Insulation Fabrication Billets			●		●					●		●		
FIBERGLASS	Type 703 & 705 Fiberglas™ Board			●	●	●	●	●			●	●			●
	Type 706 & 707 Fiberglas™ Board			●	●	●	●	●			●	●			●
	Large Diameter Fiberglas™ Pipe Insulation	●[2]		●	●	●	●	●			●	●			●
	Metric Fiberglas™ Pipe Insulation	●[2]		●	●	●	●	●			●	●			●
	No-Wrap Pipe Insulation			●	●	●	●	●		●	●	●			●
	SSL II® with ASJ Max Fiberglas™ Pipe Insulation	●		●	●	●	●	●			●	●			●
	Fiberglas™ FLEXWRAP®						●	●			●				●
	Fiberglas™ Insul-Quick®			●	●	●	●			●	●				●
	Fiberglas™ Utilicore® Insulation	●		●			●	●		●	●	●			●
	EcoTouch® Insulation for Flexible Duct	●	●	●	●		●	●			●	●			●
	QuietR® Duct Board	●[3]		●	●	●	●	●			●	●			●
	QuietR® Duct Liner Board FF-Next Generation	●	●	●		●	●	●			●	●			●
	QuietR® Duct Liner HD-Roll FF-Next Generation	●	●	●		●	●	●			●	●			●
	QuietR® Rotary Duct Liner FF-Next Generation	●	●			●	●	●			●	●			●
	QuietR® Spiral Duct Liner	●[3]		●	●	●					●	●			●
	SOFTR® Duct Wrap	●		●	●	●					●				●
	RA Series EcoTouch® Insulation	●	●	●			●				●	●			●
	SelectSound® FF-Black Acoustic Blanket Next Generation	●	●				●				●	●			●
	SelectSound® FF-Black Acoustic Board Next Generation	●	●				●				●	●			●
CELLULAR GLASS	FOAMGLAS® Insulation				●		●		●	●	●		●	●	●

[2] Only the ASJ MAX faced pipe insulation. Certification 69598-420.
[3] Air handling products (duct board, spiral duct liner) are restricted to 1-inch thickness or less for GG Gold Certification.
[4] FF/Next Generation versions of select QuietR® and SelectSound® products are being introduced. Until inventories of current (non-FF) SKUs are depleted, both versions may be available. UL SPOT listings for QuietR® Next Generation are expected before March; SelectSound® Next Generation board production transitions beginning January 2026.
[5] Surface Burning Characteristics signifies meeting ASTM E84 and/or UL723 for Flame Spread and Smoke Index of 25/50.

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