



Owens Corning™ EcoTouch® Insulation with PureFiber® Technology for Metal Buildings

Get the most out of your insulation materials with Owens Corning.

We have a solution to satisfy requests for an energy efficient product with EcoTouch® Insulation with PureFiber® Technology for Metal Buildings. It's not only an improved product with new advantages but also continues to comply with all industry standards and provides equivalent thermal performance.

New Advantages!

- ✓ Verified formaldehyde-free¹
- ✓ Soft to the touch

Additional Features:

- Made in the U.S.A.³
- Uses a minimum of 65% recycled content
- GREENGUARD Gold Certification
- Easy to handle
- Excellent recovery provides outstanding thermal and acoustical performance

Technical Information

Owens Corning™ EcoTouch® Insulation with PureFiber® Technology is manufactured in compliance with ASTM C991, "Standard Specification for Flexible Fibrous Glass Insulation for Metal Buildings." This standard includes all performance and physical properties required of thermal insulation for use in metal building construction (see table below).

Owens Corning EcoTouch® Insulation with PureFiber® Technology is regularly tested to ensure compliance to the NAIMA 202-96 (Rev. 2000) Standard. Sampling and testing is performed by the National Association of Home Builders Home Innovation Research Lab (NAHB-RC). The product is labeled on the top surface of each roll with the nominal R-value and the "NAIMA 202-96" (Rev. 2000) to indicate compliance. The NAIMA 202-96 (Rev. 2000) standard covers the same physical properties as ASTM C991, and is specifically for insulation that is designed to be further process-laminated by a third party. The actual thermal performance obtained from the laminated product will depend primarily on the recovered thickness. Note that these nominal R-values are for the insulation only and do not include the effects of facings, air films, compression of insulation at framing members, conductance through fasteners, or other heat transfer paths particular to an installation.

The recovered thickness achieved will depend on a number of variables determined in the laminating process and hence are outside of Owens Corning's control. To address these issues, a number of leading metal building insulation laminators produce products which meet the National Insulation Association's "Certified Faced Insulation Standard" (NIA 404). Samples of faced products are periodically tested by a nationally recognized laboratory and determined to meet the NIA standard.

EcoTouch® PureFiber® Technology		Typical Physical Properties
Property	Test Method	Result
Thermal Resistance	ASTM C177/C518	Product R-Value
Surface Burning	UL 723 ¹ /ASTM E84	Flame spread index < 25 Smoke developed index < 50
Combustion Characteristics	ASTM E136	Non-combustible
Water Vapor Sorption	ASTM C1104	≤ 0.2% by volume
Fungi Resistance	ASTM C1338	Passes
Corrosiveness	ASTM C665	Passes
Odor Emission	ASTM C1304	Passes

¹The surface burning characteristics of these products have been determined in accordance with UL 723. The standard should be used to measure and describe the properties of materials, products or assemblies in response to heat and flame under controlled laboratory conditions and should not be used to describe or appraise the fire hazard or fire risk of materials, products or assemblies under actual fire conditions. However, results of this test may be used as elements of a fire risk assessment which takes into account all of the factors which are pertinent to an assessment of the fire hazard of a particular end use. Values are reported to the nearest 5 rating.

²Meets requirements of the Buy American Act.

Learn more at
www.owenscorningmbi.com

