



EcoTouch[®] Insulation for MBI Plus with PureFiber[®] Technology

Product Data Sheet

Description

Owens Corning[™] EcoTouch[®] Insulation for MBI Plus with PureFiber[®] Technology is a light density fibrous glass blanket designed for use in metal building roofs and walls. The product is intended for installation at the job site and is not designed for lamination. EcoTouch[®] Insulation for MBI Plus is available in standard R-values of 10, 11, 13, 16, 19, 25 and 30. Standard roll widths are 48", 60" and 72". The product has ink jet printing on the surface: "MBI Plus INSULATION...NOT TO BE LAMINATED" for easy identification on the project.

Key Features

- Excellent recovery provides outstanding thermal and acoustical performance.
- Verified formaldehyde-free¹
- Soft to the touch
- Uses a minimum of 65% recycled content
- GREENGUARD Gold Certified
- Easy to handle

Product Applications

EcoTouch[®] Insulation for MBI Plus is used when unfaced insulation is required in various metal building roof or wall systems. EcoTouch[®] Insulation for MBI Plus is not designed for lamination and is generally shipped directly to a job site. The poly packaging protects the material from weather damage.

Physical Properties

Property	Test Method	Result
Thermal Resistance	ASTM C177/C518	Product R-value
Surface Burning Characteristics	UL 723/ASTM E84	Flame spread index < 25 Smoke developed index < 50
Combustibility 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

1. The 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.

EcoTouch[®] Insulation for MBI Plus is available in the following standard R-Values and thicknesses:

- R-10 3.4"
- R-11 3.7"
- R-13 4.3"
- R-16 5.3"
- R-19 6.3"
- R-25 8.0"
- R-30 9.0"

Standard roll widths are 48", 60" and 72".

Installation

EcoTouch[®] Insulation for MBI Plus is applied between or over the purlins or girts when unfaced insulation is required in the installation process. In a typical double layer roof system, EcoTouch[®] Insulation for MBI Plus will be applied as the second layer of material between the purlins after installing a laminated layer of EcoTouch[®] Insulation for Certified R Metal Building over the purlins.

These double layer roof systems accommodate greater insulation thicknesses and provide additional thermal performance. EcoTouch[®] Insulation for MBI Plus can also be used in any filled cavity insulation system that does not require the insulation to be laminated to a vapor retarder facing.

Standards, Codes Compliance

- Manufactured in compliance with ASTM C991, Type I.

Certifications and Sustainable Features of EcoTouch[®] Insulation for MBI Plus Metal Building

- Certified by SCS Global Services to contain a minimum of 65% recycled glass content, 18% pre-consumer and 47% post-consumer.
- Certified to meet indoor air quality standards under the stringent GREENGUARD Indoor Air Quality Certification Program, and the GREENGUARD Gold Certification.

¹ Applies to the insulation component only.



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Environmental and Sustainability

Owens Corning is a worldwide leader in building material systems, insulation and composite solutions, delivering a broad range of high-quality products and services. Owens Corning is committed to driving sustainability by delivering solutions, transforming markets and enhancing lives. More information can be found at <http://sustainability.owenscorning.com>.

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SCS Global Services provides independent verification of recycled content in building materials and verifies recycled content claims made by manufacturers. For more information, visit www.SCSglobalservices.com.

GREENGUARD Certified products are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com/gg.



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