



EcoTouch[®] Utility Blanket Metal Building Insulation



Physical Properties

Property	Test Method	Value
Thermal Resistance 2" 51 mm	ASTM C 518	R-Value ¹ 7.0, RSI Value ¹ 1.23
Combustibility	ASTM E136, CAN/ ULC S114	Noncombustible
Surface Burning Characteristics ²	ASTM E84, UL 723, CAN/ULC S102	Flame spread index <25 Smoke developed index <50
Water Vapor Sorption	ASTM C1104	<5% by weight
Fungi Resistance	ASTM C1338	Passes (does not support fungi growth)
Odor Emission	ASTM C1304	Passes (no detectable odor)
Corrosiveness	ASTM C665, section 13.8	Passes

1. Pre-lamination values.

2. The surface burning characteristics of these products have been determined in accordance with ASTM E84, UL 723, or CAN/ULC S102. These standards 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.

Description

Owens Corning[®] EcoTouch[®] Utility Blanket Metal Building Insulation is an unfaced light density fibrous glass blanket. The product is designed to be laminated with a variety of facings and is used for condensation and noise control in metal buildings. The product is available in rolls with widths of 36", 48" and 72" at a nominal product thickness of 2".

Features

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

Applications

After the product is laminated with an appropriate facing, the insulation is typically installed in a single layer between the structural members (purlins for roofs and girts for walls) and the exterior panels. In most cases, the product is installed over and perpendicular to the structural members with the facing towards the interior of the structure. Care should be taken not to overstretch the insulation material as excess compression can reduce the insulation's thermal performance. All seams should be sealed to help maintain a continuous vapor retarder.

EcoTouch[®] Utility Blanket Metal Building Insulation can also be used over the purlins in roof systems that utilize a primary layer of insulation between the purlins.

Owens Corning[®] EcoTouch[®] Utility Blanket Metal Building Insulation is fabricated and distributed by a nationwide network of independent laminators assuring prompt service and delivery. Contact your Owens Corning Insulating Systems representative for the names of insulation laminators servicing your area.

Standards, Codes Compliance

- CAN/ULC - S702—Standard for Mineral Fiber Thermal Insulation for Buildings-Type 1.
- ASTM C665—Standard Specification for Mineral-Fiber Blanket Thermal Insulation for Light Frame Construction; Type 1.

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 www.owenscorning.com.

Notes

For additional information, refer to the Safe Use Instruction Sheet (SUIS) found in the SDS Database via <http://sds.owenscorning.com>

Certifications and Sustainable Features

- Certified by SCS Global Services to contain a minimum of 65% recycled glass content, 18% pre-consumer and 47% post-consumer
- 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
- Environmental Product Declaration (EPD) has been certified by UL Environment
- Material Health Certificate from Cradle to Cradle Products Innovation Institute



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