



EcoTouch[®] Insulation with PureFiber[®] Technology for Metal Building Utility Blanket

Product Data Sheet



Description

Owens Corning[™] Metal Building Utility Blanket 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".

Key Features

- Formaldehyde-free¹.
- Made with 96% natural² materials.
- Made in the U.S.A.³
- Soft to the touch.
- Uses a minimum of 65% recycled content.
- GREENGUARD Children & Schools CertifiedSM.
- Easy to handle.
- Excellent recovery provides outstanding thermal and acoustical performance.

1. Applies to the insulation component only.
 2. Unfaced insulation made with a minimum of 96% by weight natural materials consisting of minerals and plant-based compounds.
 3. Meets requirements of the Buy American Act.

Typical Physical Properties

Property	Test Method	Value
Noncombustible	ASTM E136, CAN/ULC S114	Meets Max temp rise, no flaming and max mass loss criteria
Nominal Density	ASTM C167	0.8 PCF
Fire Hazard Classification	ASTM E84, UL 723, CAN/ULC S102	FHC 25/50
Moisture Absorption	ASTM C1104	<2% by weight
Fungi Resistance	ASTM C1338	No growth greater than comparative item

¹The 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.

Thermal Resistance

Thickness		R-Value	RSI Value ^e
Inches	mm		
2	51	7.0 ¹	1.23 ¹

¹Pre-lamination values

Product Application

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.

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

Owens Corning[™] Metal Building Utility Blanket is fabricated and distributed by a nationwide network of independent laminators assuring prompt service and delivery. Contact your Owens Corning Sales LLC 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 I.
- ASTM C665 - Standard Specification for Minder-Fiber Blanket Thermal Insulation for Light Frame Construction; Type I.