

# **ProPINK® Wall Insulation System** Blown Loosefill Insulation



# **PRODUCT FEATURES**

#### Description

Glass fibre blown loosefill thermal insulation.

#### **Basic Uses/Related Uses**

Installed in wall or cathedral ceiling assemblies with commercial pneumatic equipment, non-woven fabric, and Inspect-R<sup>™</sup> density gauge. Thermal resistance is based on thickness of cavity and blown density as noted in Application Chart.

### Selection Criteria

- Will not significantly settle over time, ensuring installed thermal resistance is maintained
- Non-combustible
- Phenol-formaldehyde, perlite, and vermiculite free
- Non-corrosiveDry installation application
- High performance fiberizing technology

#### Sustainability Criteria

- Recycled content of an average 73% with minimum 64% post-consumer and balance 9% pre-consumer. (SCS Global Services)
- UL GREENGUARD Gold certification
- UL Environment validated Formaldehyde-Free
- Platinum Material Health Certification (Cradle to Cradle Products Innovation Institute)
- Product specific Type 3 UL Environmental Product Declaration and Transparency Brief
- Participating in Declare- Living Building Challenge Compliant
- Living Product Challenge Imperative Certified
- Contributes to credits in green building programs such as LEED<sup>®</sup> and Green Globes. For further information see documents: LEED<sup>®</sup> v4 for Building Design and Construction and Owens Corning Impact Study - Leadership in Energy and Environmental Design (LEED<sup>®</sup> v4).



### **Applicable Standards**

| CAN/ULC-S702   | Standard for Mineral Fibre Thermal Insulation for Buildings  |
|----------------|--|
| CAN/ULC-S114   | Standard Method of Test for Determination of Non-combustibility<br>in Building Materials   |
| CAN/ULC-S102.2 | Standard Method of Test for Surfaces Burning<br>Characteristics of Flooring, Floor Coverings and<br>Miscellaneous Materials and Assemblies |
| ASTM E136      | Standard Test Method of Behaviour of Materials in a Vertical<br>Tube Furnace at 750 °C   |
| ASTM C665      | Standard Specification for Mineral-Fibre Blanket Thermal Insulation<br>for Light Frame Construction and Manufactured Housing               |
| ASTM C1104     | Standard Test Method for Determining the Water Vapour<br>Sorption of Unfaced Mineral Fibre Insulation                                      |
| ASTM C1338     | Standard Test Method for Determining Fungi Resistance<br>of Insulation Materials and Facings   |

#### **Performance Criteria**

| Compliance | Evaluation Listing No. 12851-L                      | CCMC           |
|------------|---|----------------|
|            | Туре 5  | CAN/ULC-S702   |
|            | Туре I  | ASTM C665      |
| Thermal    | See Application Chart for thermal resistance values | CAN/ULC-S702   |
| Fire       | Non-Combustible                                     | CAN/ULC-S114   |
|            | Flame Spread 0; Smoke Developed <5                  | CAN/ULC-S102.2 |
| Moisture   | Fungi Resistance (pass)                             | ASTM C1338     |
| Corrosion  | Steel, Aluminum, Copper (non-corrosive)             | ASTM C665      |

#### **Delivery and Storage**

Deliver products in their original packages, and store in enclosed shelter.

#### Limitations

Packaging is not UV resistant. Shelter unused packages from the elements.

Stated thermal resistance is achieved by fastening the ProPINK<sup>®</sup> fabric such that the stated thickness is achieved and the minimum amount of product is installed per 1,000 net sq. ft. The Inspect-R<sup>®</sup> density gauge is recommended for controlling the amount product installed.

Owens Corning does not recommend or approve blending or adding additional materials or adhesives to this product during installation. Owens Corning will accept no responsibility or liability when the product is not installed in accordance with the product label and installation instructions.

To prevent fire or overheating of recessed light fixtures maintain building, electrical, gas and oil safety code required clearances between the insulation and heat emitting devices, such as fuel burning appliances, chimneys, pipes, ducts and vents to these appliances of at least 50 mm (2 in.) and recessed light fixtures of at least 75 mm (3 in.).





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## **Application Chart**

| CAVITY SIZE         | THERMAL<br>RESISTANCE        | DENSITY       |
|---------------------|------------------------------|---------------|
| mm (inches) [stud]  | RSI (R) Value <sup>(1)</sup> | kg/m³(lb/ft³) |
| 89 (3-1/2) [2x4]    | 2.55 (14.5)                  | 22.4 (1.4)    |
| 140 (5-1/2) [2x6]   | 4.05 (23.0)                  | 22.4 (1.4)    |
| 140 (5-1/2) [2x6]   | 4.23 (24.0)                  | 33.6 (2.1)    |
| 184 (7-1/4) [2x8]   | 5.25 (29.8)                  | 22.4 (1.4)    |
| 235 (9-1/4) [2x10]  | 6.70 (38.0)                  | 22.4 (1.4)    |
| 286 (11-1/4) [2x12] | 8.20 (46.6)                  | 22.4 (1.4)    |
| 337 (13-1/4) [2x14] | 9.65 (54.8)                  | 22.4 (1.4)    |

Applications not covered by CCMC Evaluation Report #13240-R are provided for applicator job estimation information.

<sup>(1)</sup>The higher the RSI or R-value, the greater the insulating power.

#### Safety

Ensure applicator's personnel wear protective equipment such as breathing mask (dust-proof type mask), eye protection (safety goggles or eye glasses), and skin protection (gloves, long-sleeved shirts, and pants) when handling and applying materials. Wash with soap and warm water after handling. Wash work clothes separately and wipe out washer. For additional information refer to Safe Use Instruction Sheet (SUIS) found in the SDS Database via http://sds.owenscorning.com.

# **PRODUCT PLACEMENT**

#### Installation

Only registered ProPINK<sup>®</sup> Wall Product System Installers certified by Owens Corning may install this product. Please contact local Owens Corning Area Sales Manager for certification.

#### **Technical Services Available**

For Canadian Technical inquiries please contact local representative. See Technical territory map via www.specowenscorning.ca/contacttech.



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