

Specification Sheet

InsulSafe® For Canada Fiber Glass Blowing Insulation

1. PRODUCT NAME

InsulSafe® For Canada Fiber Glass Blowing Insulation.

2. MANUFACTURER

CertainTeed Corporation
P.O. Box 860
Valley Forge, PA 19482-0105
Phone: (610) 341-7000
(800) 233-8990
Fax: (610) 341-7571
Fax-On-Demand: (800) 947-0057
Website: www.certainteed.com

3. PRODUCT DESCRIPTION

Basic Use: InsulSafe For Canada Fiber Glass Blowing Insulation is used in residential and commercial construction as a thermal and acoustical insulation. It is designed for pneumatic installation in open areas and for retrofitting enclosed construction assemblies.

Benefits: This product is noncombustible, noncorrosive and odor free. In addition, InsulSafe won't settle, contains no chemicals to cause mildew and fungus growth, provides no sustenance for vermin, contains no asbestos, won't rot or decay and won't absorb moisture.

Composition and Materials: InsulSafe is an unbonded, white, virgin fiber loose fill fiber glass insulation designed for pneumatic application.

Limitations: InsulSafe is designed for use at ambient temperatures in interior, weather protected locations. Pneumatic equipment must have an effective shredding section, a uniform controlled feed system and adequate material/air capabilities. This product should be kept dry during shipping, storage and installation.

4. TECHNICAL DATA

Applicable Standards:

- Model Building Codes:
 - (BOCA, ICBO and SBCCI)
- Material Standards:
 - (ASTM C 687), Type I
 - (ASTM C 764)
 - (ASTM E 136)
- CAN/ULC-S702-1997
CCMC Evaluation Listing
No. 13141-L
CSA A101-M1993
CAN/CGSB-51.11-92

Fire Resistance:

- Fire Hazard Classification:
 - (UL 723, ASTM E 84)
Max. Flame Spread Index; 5
Max. Flame Dev. Index; 5
- Noncombustibility:
 - (ASTM E 136)
Meets requirements

Physical/Chemical Properties:

- Thermal Performance: CAN/ULC-S702-1997 the stated R-values in the attics, sidewalls, and underfloors are achieved at weights and coverages specified when insulation is installed with pneumatic equipment in accordance with CertainTeed recommendations. See table on back page.
- Acoustical Performance:
 - The same STC ratings obtained with blanket insulation can be estimated to be achieved by InsulSafe 4. Refer to CertainTeed's Guide for Residential Sound Control Brochure (30-28-008).

Quality Assurance: CertainTeed was the first fiber glass insulation manufacturer to have its manufactur-



ing plants, R&D center and corporate headquarters registered to ISO 9001-2000 standards.

5. INSTALLATION

Installation procedures and techniques must be as recommended by CertainTeed Corporation, using blowing machines approved for fiber glass insulation. Refer to InsulSafe 4 Installation Manual (30-24-245).

6. AVAILABILITY AND COST

For availability and cost contact your local distributor, or call CertainTeed Sales Support Group in Valley Forge, PA at (800) 233-8990.

7. WARRANTY

Refer to CertainTeed's Limited Lifetime Insulation Warranty for InsulSafe (30-24-272).

8. MAINTENANCE

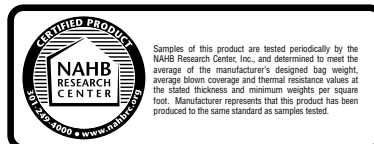
No maintenance required.

9. TECHNICAL SERVICES

Technical assistance can be obtained either from the local CertainTeed sales representative, or by calling CertainTeed Sales Support Group in Valley Forge, PA at (800) 233-8990.

10. FILING SYSTEMS

Additional product information is available upon request.



INSULSAFE FOR CANADA FIBER GLASS BLOWING INSULATION

| Thermal Resistance | | Minimum Thickness | | Max Coverage per bag | | Mini nb of bags per unit area | | Minimum gramweight | |
|--------------------|----|-------------------|--------|----------------------|-----------------|-------------------------------|---------------------|--------------------|---------------------|
| RSI | R | mm | Inches | m ² | ft ² | 100m ² | 1000ft ² | kg/m ² | lbs/ft ² |
| 2.1 | 12 | 113 | 4.5 | 11.9 | 127.7 | 8.4 | 7.8 | 1.1 | 0.23 |
| 2.8 | 16 | 151 | 6.0 | 8.9 | 95.8 | 11.2 | 10.4 | 1.5 | 0.30 |
| 3.5 | 20 | 189 | 7.4 | 7.1 | 76.6 | 14.0 | 13.0 | 1.8 | 0.38 |
| 4.2 | 24 | 227 | 8.9 | 5.9 | 63.9 | 16.9 | 15.7 | 2.2 | 0.45 |
| 4.9 | 28 | 265 | 10.4 | 5.1 | 54.7 | 19.7 | 18.3 | 2.6 | 0.53 |
| 5.3 | 30 | 286 | 11.3 | 4.7 | 50.6 | 21.3 | 19.8 | 2.8 | 0.57 |
| 5.6 | 32 | 302 | 11.9 | 4.5 | 47.9 | 22.5 | 20.9 | 3.0 | 0.61 |
| 6.3 | 36 | 340 | 13.4 | 4.0 | 42.6 | 25.3 | 23.5 | 3.3 | 0.68 |
| 7 | 40 | 378 | 14.9 | 3.6 | 38.3 | 28.1 | 26.1 | 3.7 | 0.76 |
| 7.7 | 44 | 416 | 16.4 | 3.2 | 34.8 | 30.9 | 28.7 | 4.1 | 0.83 |
| 8.4 | 48 | 454 | 17.9 | 3.0 | 31.9 | 33.7 | 31.3 | 4.4 | 0.91 |
| 8.8 | 50 | 475 | 18.7 | 2.8 | 30.5 | 35.3 | 32.8 | 4.6 | 0.95 |
| 9.1 | 52 | 492 | 19.4 | 2.7 | 29.5 | 36.5 | 33.9 | 4.8 | 0.98 |
| 9.8 | 56 | 529 | 20.8 | 2.5 | 27.4 | 39.3 | 36.5 | 5.2 | 1.06 |
| 10.5 | 60 | 567 | 22.3 | 2.4 | 25.5 | 42.1 | 39.1 | 5.5 | 1.14 |

Bagweight 29 lbs. (13.2 kg)
 Design density 0.61 pcf (9.78 kg/m³)
 Design thermal resistance value 2.67 (18.51) 40% gate opening, 3" hose



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