

TrueComfort® Fiber Glass Blowing Insulation

1. PRODUCT NAME

TrueComfort® Fiber Glass Blowing Insulation

2. MANUFACTURER

CertainTeed Corporation
P.O. Box 860
Valley Forge, PA 19482-0105
Phone: (610) 341-7000
(800) 233-8990

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Website: www.certainteed.com/insulation

3. PRODUCT DESCRIPTION

Basic Use: TrueComfort 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 attic areas and for retrofitting enclosed sidewall and floor/ceiling construction assemblies.

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

Composition and Materials: TrueComfort is unbonded, white, virgin fiber glass.

Limitations: TrueComfort is designed for use at ambient temperatures in interior, weather protected locations. TrueComfort must be installed using the TrueComfort machine. This product must be kept dry during shipping, storage and installation.

4. TECHNICAL DATA

Applicable Standards:

- Model Building Codes:
 - (ICC International Code Council)
 - (New York City MEA 218-85M)
 - (New York State NYS UFPBC Article 15)
 - (California and Minnesota Quality Standards)

Material Standards:

- ASTM C764, Mineral Fiber Loose-Fill Thermal Insulation Type 1 – Pneumatic application Properties:
 - Thermal resistance — ASTM C518 and C687
 - Critical radiant flux — ASTM E970
 - Combustion characteristics — ASTM E136
 - Water vapor sorption — ASTM C1104
 - Odor emission — ASTM C1304
 - Corrosiveness — ASTM C764
 - Fungus resistance — ASTM C1338

Fire Resistance:

- Fire Hazard Classification:
 - (UL 723, ASTM E84)
 - Max. Flame Spread Index — 5
 - Max. Smoke Dev. Index — 5
- Noncombustibility:
 - (ASTM E136)
 - Meets requirements

Thermal/Acoustical Properties:

- Thermal performance
 - (ASTM C518 and C687)
 - Stated R-Value achieved at minimum thickness and minimum weights as stated in coverage chart(s).
- Acoustical performance
 - (ASTM E90 and E413)
 - The same STC ratings obtained with fiber glass blanket insulation can be estimated to be achieved by TrueComfort.

Quality Assurance: Many of our manufacturing plants are registered to ISO 9001-2000 standards.



5. INSTALLATION

Installation procedures and techniques must be as recommended by CertainTeed Corporation, using the TrueComfort blowing machine. Please refer to TrueComfort Installation Instructions.

6. AVAILABILITY AND COST

Distributed and sold throughout the United States. For availability and cost contact your local Territory Manager, contractor or distributor, or call CertainTeed Sales Support Group in Valley Forge, PA at (800) 233-8990.

7. MAINTENANCE

No maintenance required.

8. 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.

9. FILING SYSTEMS

Additional product information is available upon request.

COVERAGE CHART— OPEN ATTIC APPLICATION

The following thermal performance values are achieved at the thicknesses, weights and coverages specified when insulation is installed with the TrueComfort blowing machine in a horizontal open blow application.

R-VALUE	BAG REQUIREMENTS	MAXIMUM COVERAGE	MINIMUM WEIGHT	MINIMUM INSTALLED THICKNESS*	MINIMUM SETTLED THICKNESS
To obtain a thermal resistance (R) of:	Number of bags per 1000 sq. ft. of net area:	Contents of bag shall not cover more than: (sq. ft.)	Weight per sq. ft. of installed insulation shall not be less than: (lbs./sq. ft.)	Should not be less than: (in.)	Should not be less than: (in.)
R-11	5.7	176.9	0.167	4.90	4.90
R-13	6.6	150.5	0.196	5.70	5.70
R-19	9.9	101.5	0.291	8.20	8.20
R-22	11.3	88.3	0.334	9.30	9.30
R-26	13.4	74.7	0.395	10.80	10.80
R-30	15.5	64.5	0.457	12.30	12.30
R-38	19.8	50.5	0.584	15.20	15.20
R-44	23.1	43.4	0.680	17.30	17.30
R-49	25.8	38.8	0.761	19.00	19.00
R-60	32.1	31.2	0.947	22.75	22.75

R-Values are determined in accordance with ASTM C687 and C518. Complies with ASTM C764 as Type 1 pneumatic application.

*Initial Installed Thickness: When using the TrueComfort blowing machine and 2-1/2-inch diameter x 100-foot internally corrugated blowing hose. Based upon 29.5 lb. package net weight. This product is designed to be installed using the TrueComfort blowing machine and accessory equipment. Product performance, including coverage, may vary if installed using different equipment.

For Minnesota coverage chart, go to www.certainteed.com/truecomfort

COVERAGE CHART— CLOSED CAVITY (WALLS, FLOORS, CEILINGS) RETROFIT APPLICATIONS

The following thermal performance values are achieved at the thicknesses, weights and coverages specified when insulation is installed with the TrueComfort blowing machine in closed wall, floor and ceiling cavities. Based on a design density of 2.0 lb./ft³.

R-VALUE	BAG REQUIREMENTS	MAXIMUM COVERAGE	MINIMUM WEIGHT	CONSTRUCTION CAVITY TYPE
To obtain a thermal resistance (R) of:	Number of bags per 1000 sq. ft. of net area:	Contents of bag shall not cover more than: (sq. ft.)	Weight per sq. ft. of installed insulation shall not be less than: (lbs./sq. ft.)	Width by length (depth)
R-15	19.8	50.6	0.583	2 X 4 (3.5)
R-23	31.1	32.2	0.917	2 X 6 (5.5)
R-31	41.0	24.4	1.208	2 X 8 (7.25)



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