



Specification Sheet

UltraTherm® Fiber Glass Blowing Insulation Attic Blowing Application

1. PRODUCT NAME

UltraTherm® Fiber Glass Blowing Insulation

2. MANUFACTURER

CertainTeed Corporation
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3. PRODUCT DESCRIPTION

Basic Use: UltraTherm Fiber Glass Blowing Insulation is used in residential construction as a thermal insulation. It is designed for pneumatic installation in a horizontal open blow.

Benefits: This product is non-combustible, noncorrosive and odor free. In addition, UltraTherm 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:

UltraTherm is a bindered loose-fill fiber glass insulation designed for pneumatic application.

Limitations: UltraTherm 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:
 - (ICC)
 - (New York City MEA 218-85M)
 - (New York State NYS UFPBC Article 15)
 - (California and Minnesota Quality Standards)
- Material Standards:
 - (ASTM C 764), Type I
 - (ASTM C 687)
 - (ASTM C 518)
 - (ASTM E 136)

Fire Resistance:

- Fire Hazard Classification:
 - (UL 723, ASTM E 84)
Max. Flame Spread Index; 25
Max. Smoke Dev. Index; 50
- Noncombustibility:
 - (ASTM E 136)
Meets requirements

Physical/Chemical Properties:

- Thermal Resistance:
 - (ASTM C 518)
 - (ASTM C 687)

The stated R-values are achieved at weights and coverages specified in the table below when installed with pneumatic equipment in accordance with CertainTeed recommendations.
- Water Vapor Sorption:
 - (ASTM C 1104)
≤ 5%

Quality Assurance: CertainTeed was the first fiber glass insulation manufacturer to have its manufacturing plants, R & D center and corporate headquarters registered to ISO 9001: 2000 standards.

THERMAL PERFORMANCE (BASED ON A NOMINAL BAG WEIGHT OF 25 LBS.)

R-Value	No. of Bags 1,000 Sq. Ft. Net Area	Maximum Net Coverage	Minimum Weight	Initial Installed Thickness		Minimum Settled Thickness	
To obtain a Thermal Resistance (R) of:	No. of bags	Contents of bag should not cover more than: (sq. ft.)	Weight per sq. ft. of installed insulation should not be less than: (lbs./sq. ft.)	Installed insulation should not be less than:		Installed insulation should not be less than:	
				(in.)	(mm)	(in.)	(mm)
60	51.8	19	1.295	24.25	616	24.25	616
49	42.2	24	1.056	20.25	514	20.25	514
44	37.6	27	0.941	18.25	465	18.25	465
38	32.6	31	0.815	16	406	16	406
30	25.5	39	0.638	12.75	324	12.75	324
26	22.3	45	0.558	11.25	286	11.25	286
22	18.6	54	0.466	9.5	241	9.5	241
19	16.1	62	0.402	8.25	210	8.25	210
13	11.0	91	0.276	5.75	146	5.75	146
11	9.1	110	0.227	4.75	121	4.75	121

Initial installed thickness testing per ASTM C 1374 using Unisul VoluMatic III; 3rd gear; 15-inch gate opening; 150 ft. x 3-1/2 inch diameter internally corrugated blowing hose.

5. INSTALLATION

Installation procedures and techniques must be as recommended by CertainTeed Corporation, using blowing machines approved for fiber glass insulation. To compensate for framing members, the number of bags per 1,000 sq. ft. of insulatable area should be reduced as follows (assumes depth of insulation is at least depth of joists):

Joist Size (in.)	Bags to deduct/1000 sq. ft.	
	Joist 16" O.C.	Joist 24" O.C.
2 x 4	0.6	0.4
2 x 6	0.9	0.7
2 x 8	1.2	0.9

6. AVAILABILITY & COST

Manufactured 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. WARRANTY

Refer to CertainTeed's Limited Lifetime Insulation Warranty for UltraTherm (30-21-1321).

8. MAINTENANCE

No maintenance required.

9. TECHNICAL SERVICES

Technical assistance can be obtained from local CertainTeed Sales Representatives or by calling CertainTeed Sales Support Group at (800) 233-8990.

10. FILING SYSTEMS

Additional product information is available upon request.



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