

TrueComfort®–Canada Fibre Glass Blowing Insulation

PRODUCT DESCRIPTION

Basic Use: TrueComfort®–Canada Fibre 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 or horizontal surfaces and sloped ceilings up to 4.5:12.

Benefits: This product is noncombustible, noncorrosive and odor free. In addition, TrueComfort–Canada 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 retain moisture.

Composition and Materials:

TrueComfort–Canada is an unbonded, white, virgin loose fill fibre glass insulation designed for pneumatic application.

Limitations: TrueComfort–Canada 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.

INSTALLATION

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

AVAILABILITY AND COST

Distributed and sold throughout Canada. For availability and cost contact your local Territory Manager, contractor or distributor, or call CertainTeed Sales Support at 800-233-8990.

WARRANTY

Refer to CertainTeed's Limited Lifetime Insulation Warranty for TrueComfort–Canada (30-21-1344).

MAINTENANCE

No maintenance required.

TECHNICAL SERVICES

Technical assistance can be obtained either from the local CertainTeed sales representative,



Product Name	TrueComfort®–Canada Fibre Glass Blowing Insulation
Manufacturer	CertainTeed Corporation
Address	P.O. Box 860 Valley Forge, PA 19482-0105
Phone	(610) 341-7000 (800) 233-8990
Website	www.certainteeted.com/insulation

TECHNICAL DATA

Applicable Standards

- National Building Code of Canada 2005 & 2010
- Material Standards:
 - CAN/ULC-S702-09-Type 5 (Supercedes CSA A101-M)
- CCMC Evaluation Listing No. 13141-L
- GREENGUARD Children & Schools CertifiedSM

Fire Resistance

- Fire Hazard Classification:
 - CAN/ULC-S102.2
Flame Spread Index; 0
Smoke Dev. Index; 5
- Noncombustibility:
 - CAN/ULC-S114, ASTM E 136 / Pass
- Smoulder Resistance:
 - CAN/ULC-S129
Mean Mass Loss ≤ 2%
Indiv. Mass Loss ≤ 3%

Physical/Chemical Properties

- Thermal Performance:
 - ASTM C518 - = 18.5 (m-K)/W
- Design Density:
 - CAN/ULC-S702 6.3.2 - = 8.33 kg/m³
- Corrosiveness:
 - ASTM C764 / Pass
- Fungi Resistance:
 - ASTM C1338 / Pass
- Water Vapour Sorption:
 - ASTM C1104 – <5%

Quality Assurance

Many of CertainTeed's manufacturing plants are registered to ISO 9001-2008 standards.

ATTIC APPLICATION COVERAGE CHART									
TRUECOMFORT®-CANADA, CCMC 13141-L, CAN/ULC-S702-09, TYPE 5 LOOSE FILL MINERAL FIBRE THERMAL INSULATION									
UNCONFINED ATTIC SPACES WITH SLOPES NOT EXCEEDING 4.5:12									
THERMAL RESISTANCE		MINIMUM THICKNESS		MAXIMUM NET COVERAGE		MINIMUM PACKAGES		MINIMUM WEIGHT	
RSI	R	mm	in	m ²	ft ²	per 100m ²	per 1,000ft ²	kg/m ²	lb/ft ²
2.1	12	114	4.5	13.9	150.1	7.2	6.7	0.95	0.19
2.8	16	151	6.0	10.4	112.5	9.6	8.9	1.26	0.26
3.5	20	189	7.4	8.3	89.9	12.0	11.1	1.58	0.32
4.2	24	227	8.9	7.0	75.1	14.4	13.3	1.89	0.39
4.9	28	265	10.4	6.0	64.4	16.8	15.5	2.21	0.45
5.3	30	286	11.3	5.5	59.5	18.1	16.8	2.39	0.49
5.6	32	303	11.9	5.2	56.3	19.2	17.7	2.52	0.52
6.3	36	341	13.4	4.6	50.0	21.6	20.0	2.84	0.58
7.0	40	378	14.9	4.2	45.1	24.0	22.2	3.15	0.65
7.7	44	416	16.4	3.8	41.0	26.4	24.4	3.47	0.71
8.4	48	454	17.9	3.5	37.6	28.8	26.6	3.78	0.77
8.8	50	476	18.7	3.3	35.9	30.0	27.9	3.96	0.81
9.1	52	492	19.4	3.2	34.7	31.1	28.8	4.10	0.84
9.8	56	530	20.9	3.0	32.2	33.5	31.1	4.41	0.90
10.5	60	568	22.3	2.8	30.1	35.9	33.3	4.73	0.97

DESIGN CRITERIA					
PKG.WT.		R/IN.		DENSITY	
lb	kg	(°F-ft ² -hr)/ BTU-in	(K-m)/W	lb/ft ³	kg/m ³
29	13.20	2.67	18.50	0.520	8.33



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