

InsulSafe® XC Fibre Glass Blowing Insulation

PRODUCT DESCRIPTION

Basic Use: InsulSafe® XC 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, InsulSafe® XC 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: InsulSafe® XC is an unbonded, white, virgin loose fill fibre glass insulation designed for pneumatic application.

Limitations: InsulSafe® XC 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 blowing machines and hoses designed for fibre glass insulation.

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 InsulSafe® XC (30-21-1344).

MAINTENANCE

No maintenance required.

TECHNICAL SERVICES

Technical assistance can be obtained either from the local CertainTeed sales representative, or by calling CertainTeed at (800) 233-8990.



Product Name	InsulSafe® XC Fibre Glass Blowing Insulation
Manufacturer	CertainTeed Corporation
Address	P.O. Box 860 Valley Forge, PA 19482-0105
Phone	800-233-8990
Website	www.certainteed.com/insulsafe-xc

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 Certified™

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
INSULSAFE® XC, 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		MINIMUM MASS/AREA		MAXIMUM COVERAGE/BAG		MINIMUM BAGS/AREA	
RSI	R	mm	in	kg/m ²	lb/ft ²	m ²	ft ²	per 100m ²	per 1,000ft ²
2.1	12	114	4.5	0.95	0.194	14.9	160.1	6.7	6.2
2.8	16	151	6.0	1.26	0.258	11.2	120.1	9.0	8.3
3.5	20	189	7.4	1.58	0.323	8.9	96.0	11.2	10.4
4.2	24	227	8.9	1.89	0.387	7.4	80.0	13.4	12.5
4.9	28	265	10.4	2.21	0.452	6.4	68.6	15.7	14.6
5.3	30	286	11.3	2.39	0.489	5.9	63.4	17.0	15.8
5.6	32	303	11.9	2.52	0.516	5.6	60.0	17.9	16.7
6.3	36	341	13.4	2.84	0.581	5.0	53.4	20.2	18.7
7.0	40	378	14.9	3.15	0.646	4.5	48.0	22.4	20.8
7.7	44	416	16.4	3.47	0.710	4.1	43.7	24.7	22.9
8.4	48	454	17.9	3.78	0.775	3.7	40.0	26.9	25.0
8.8	50	476	18.7	3.96	0.812	3.5	38.2	28.2	26.2
9.1	52	492	19.4	4.10	0.839	3.4	36.9	29.1	27.1
9.8	56	530	20.9	4.41	0.904	3.2	34.3	31.4	29.2
10.5	60	568	22.3	4.73	0.968	3.0	32.0	33.6	31.2

DESIGN CRITERIA					
PKG.WT.		R/IN.		DENSITY	
LBS.	KG.	(°F·FT ² ·HR)/ BTU·IN	(K·M)/W	LB/FT ³	KG/M ³
31.0	14.1	2.67	18.50	0.520	8.33



ASK ABOUT OUR OTHER CERTAINTEED PRODUCTS AND SYSTEMS:

ROOFING • SIDING • TRIM • DECKING • RAILING • FENCE • FOUNDATIONS
 GYPSUM • CEILINGS • INSULATION • PIPE

CertainTeed Corporation
 P.O. Box 860
 Valley Forge, PA 19482

Professional: 800-233-8990
 Consumer: 800-782-8777
www.certainteed.com/insulation

