

Fibre Glass Building Insulation

PRODUCT DESCRIPTION

Basic Use: Fibre glass building insulation is intended for use in either residential or commercial construction as thermal and acoustical insulation in ceilings, walls and floors.

The product is unfaced and designed for use in standard wood stud and steel frame assemblies.



Benefits: Installing fibre glass building insulation is an easy, cost-effective method to help conserve energy in residential and commercial new construction, remodeling and reinsulation projects. In addition to its thermal properties, fibre glass building insulation also provides excellent acoustical performance. It is compression packaged for ease of handling, and its broad availability of R-Values and sizes ensures the right product for the job. The product resists mould and mildew and will not rot or deteriorate.

Composition and Materials: The product is composed of tan, uniformly textured, inorganic fibrous glass and formed with a formaldehyde-free binding agent.

Sizes: Available standard sizes are listed in table on other side. Contact CertainTeed for non-standard sizes.

Limitations: Maintain building, electrical, gas and oil safety code required clearances between the insulation and heat-emitting devices, such as fuel-burning appliances, chimneys, pipes, ducts and vents to these appliances (at least 50 mm), and between the insulation and recessed light fixtures (at least 75 mm), unless the fixture is identified for contact with insulation, Type IC.

Because of potential skin irritation, unfaced building insulation should not be installed in an exposed area where it will be subject to human contact.

All building insulation should be kept dry. Wet fibre glass insulation will lose its effectiveness until it dries. Fibre glass will often dry naturally and regain its original R-Value. However, under conditions where the insulation will not dry thoroughly, it should be removed and allowed to dry or be replaced.

INSTALLATION

The standard practice for installing fibre glass batts in wood studs is to friction fit batts into stud cavities. When batts completely fill stud cavities, they are constrained by studs at their edges and by wall facings front and rear.

- When fibre glass batts are installed in ceiling or floor joists, they must be supported by a ceiling finish material or another material such as wire.
- Where vapour control is required, a vapour barrier like CertainTeed's MemBrain™ Smart Vapour & Air Barrier Film must be installed per the 2005 and 2010 National Building Code, Section 9.25.

AVAILABILITY AND COST

For availability and cost, contact your local contractor or distributor, or call CertainTeed Sales Support Group at 800-233-8990.

Product Name	CertainTeed Fibre Glass Building Insulation
Manufacturer	CertainTeed Insulation Canada, Inc.
Address	P.O. Box 860 Valley Forge, PA 19482-0105
Phone	610-341-7000 • 800-233-8990
Fax	610-341-7571
Website	www.certainteed.com/insulation

TECHNICAL DATA

Applicable Standards

- National Building Code 2005 & 2010 Section 9.25
- CAN/ULC-S702-09, Type 1
- CCMC Evaluation Listing No. 09521-L
- GREENGUARD Children & Schools CertifiedSM

Fire Resistance

- Fire Hazard Classification:
 - CAN/ULC-S102
Flame Spread: 5; Smoke Developed: 0
- Noncombustibility:
 - CAN4-S114-2005 - Pass
- Smoulder Resistance:
 - ULC-S129-1995 - Pass



WARRANTY

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

MAINTENANCE

No maintenance required.

TECHNICAL SERVICES

Technical assistance can be obtained either from the local CertainTeed sales representative, or by calling CertainTeed's Sales Support Group at 800-233-8990.

For the most up-to-date product information, visit our website at www.certainteed.com/insulation.

STANDARD SIZES							
R-Value		Thickness		Width		Length	
R	RSI	inches	mm	inches	mm	inches	mm
8	1.4	2.75	70	15, 16, 23, 24	381, 406, 584, 610	47, 48	1194, 2119
10	1.8	3.5	89	15, 23, 24	381, 584, 610	48	1219
12	2.1	3.5	89	15, 16, 23, 24	381, 406, 584, 610	47, 48	1194, 1219
14	2.4	3.5	89	23	584	47	1194
20	3.5	6	152	15, 16, 23, 24	305, 406, 584, 610	47, 48	1194, 1219
22	3.8	5.5	140	14.75, 22.75	375, 578	47, 48	1194, 1219
24	4.2	5.5	140	14.75, 22.75	375, 578	47	1194
28	4.9	8.5	216	16, 24	406, 610	48	1219
31	5.4	9.5	241	16, 24	406, 610	48	1219
35	6.1	10.75	273	16, 24	406, 610	48	1219
40	7	12	305	16, 24	406, 610	48	1219

Contact your CertainTeed sales representative for non-standard sizes.



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