

Bradford Glasswool Building Blanket

Product Description

Bradford Glasswool Building Blanket is a lightweight, compressible insulation material, manufactured from the controlled felting of glasswool, bonded with a thermosetting resin. The product is a light golden colour. Its high tensile strength and resilience favour low transport and installation costs.

Application

Glasswool Building Blanket is made in convenient lengths and widths to suit a wide range of building applications. Widths less than 1200mm provide a convenient means of installation between ceiling joists at standard centres. For safe handling instructions please refer to MSDS sheet.

Standard Sizes and Packaging

R Value	Thickness	Size	M ²	NRC
R0.7	25mm	30m x 1200mm	36m ²	-
R1.0	40mm	30m x 1200mm	36m ²	-
R1.3	60mm	30m x 1200mm	36m ²	0.80
R1.8	75mm	15m x 1200mm	18m ²	0.85
R2.3	100mm	15m x 1200mm	18m ²	0.95
R2.6	120mm	10m x 1200mm	12m ²	-

Standard packaging is a polythene bag.

Facings

A range of facings are available that can be applied to Glasswool Building Blanket in the factory to suit special applications. These include Thermofoil aluminium foil laminate - plain, perforated or antiglare; Thermoplast aluminium foil laminate with polypropylene coating. These facings are subject to minimum order quantities (usually container load) and longer lead times.

Flow Resistivity

0.5 x 10⁴ mks Rayls/m

Maximum Service Temperature

Maximum service temperature is 350°C. This product is intended for use at temperatures normally prevailing in building structures.

Bradford Glasswool Building Blanket

Sound Absorption

When tested in a reverberation chamber in accordance with AS 1045-1988 the sound absorption coefficients shown in the table were measured:

Frequency (Hz)	125	250	500	1000	2000	4000	5000	NRC
R1.3 60mm	0.25	0.65	0.80	0.90	0.90	1.00	1.05	0.80
R1.8 75mm	0.35	0.80	0.85	0.90	0.90	1.10	1.05	0.85
R2.3 100mm	0.55	0.80	1.00	0.95	1.00	1.00	1.00	0.95

Fire Resistance Properties

When tested in accordance with AS/NZS 1530.3:1999, Glasswool Building Blanket has the Early Fire Hazard Indices below:

- ✧ Ignitability 0
- ✧ Heat Evolved 0
- ✧ Spread of Flame 0
- ✧ Smoke Developed 0

Tensile Strength

The lightweight strength and resilience of Glasswool Building Blanket gives benefits in ease of handling and resistance to damage on site. The following indicate the superior tensile strength of the 1200mm wide Building Blanket which is of great value in roofing applications.

Thickness (mm)	Load to Rupture (n/100mm)
60	74
75	99
100	149

Moisture Resistance

Exposure to an atmosphere of 50°C and 95% relative humidity for four days, results in moisture absorption of less than 2% by volume. If the insulation becomes wet, full thermal efficiency will be restored on drying out.

Breathe Easy

The International Association for Research into Cancer (IARC) has ruled that all Bradford Insulation products are non-carcinogenic, with no potential for causing cancer in humans. CSR Bradford Insulation guarantees all products are low allergen, will not pack down, shrink, mould, rot or deteriorate. And complies to AS/NZS 4859.1


Bradford™
 for smarter environments

CSR Bradford Insulation

Monier Place, Penrose, Auckland

Telephone (09) 5799 059

Facsimile (09) 5711 017

Website www.bradfordinsulation.co.nz

CSR Bradford Insulation is a business division of CSR Building Products New Zealand Limited

The contents of this brochure are copyright protected and may not be reproduced in any form without prior written consent of CSR Bradford insulation. Recommendations and advice regarding the use of the products described in this brochure are to be taken as a guide only, and are given without liability on the part of the company or its employees. We reserve the right to change product specifications without prior notification. The purchaser should independently determine the suitability of the product for the intended use and application.

