



# GLASSWOOL BUILDING BLANKETS - PLAIN

## Introduction

Bradford Building Blanket is a lightweight insulation product designed for general thermal insulation applications in buildings.

## Product Description

Bradford Building blankets are manufactured by spinning molten glass, containing up to 65% recycled content, into fine wool like fibres. These inorganic fibres are bonded together using a thermosetting resin. The product can be identified by its golden appearance.

## Applications

Glasswool Building Blanket is available in a range of convenient lengths and thicknesses to suit a wide range of building applications.

The 1200mm width is designed to suit installation between ceiling joists spaced at standard centres. Please note in roofing applications where condensation needs to be designed for, Anticon foil faced blanket is recommended. Typical applications for Glasswool Building Blanket include;

- Partitions
- Curtain walls

## Benefits

- Lightweight Insulation blanket
- Easily installed
- Reduces overall building energy usage
- Can be custom cut to required length to reduce waste and installation time
- Non combustible
- Made from a biosoluble formulation

## Available Facings

For available facings refer to Bradford Speciality faced building blankets.

## Health and Safety

This product is manufactured to the latest Fibre Bio-Soluble (FBS-1) Glasswool formulation and is not classified as hazardous according to the criteria of the ASCC (formally NOHSC) guidelines. For further information refer MSDS sheet on Bradford website.

## SKU Table

Material R-value	Density (kg/m <sup>3</sup> )	Thickness (mm)	Nominal Length (m)	Nominal Width (mm)	Nominal Coverage (m <sup>2</sup> per Roll)	Nominal Pack Weight (kg)
R1.1	10.8	50	15	1200	18	9.72
R1.3	9.8	60	15	1200	18	10.62
R1.3	9.8	60	30	1200	36	21.23
R1.5	9.0	75	15	1200	18	12.15
R1.8	10.8	80	20	1200	24	20.64
R2.0	10.5	90	15	1200	18	16.91
R2.3	11.3	100	10	1200	12	13.56
R2.5	11.0	110	10	1200	12	14.52
R3.0	12.0	130	10	1200	12	18.72

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## Physical Properties

<b>Density</b>	kg/m <sup>3</sup>	9.0 to 12.0
<b>Maximum Service Temperature</b>		Glasswool: 350°C
<b>Fire Hazard Properties</b>	When tested in accordance to AS/NZS 1530.3:1999	<ul style="list-style-type: none"><li>• Ignitability: 0</li><li>• Spread of flame: 0</li><li>• Heat Evolved: 0</li><li>• Smoke Developed: 1</li></ul>
<b>Corrosion Resistance</b>	When tested in accordance with BS 3958.5:1969	pH 7.5-8.0 Incapable of corroding steel
<b>Moisture Absorption</b>	When left in a controlled atmosphere of 50°C and 95% relative humidity for four days	Less than 0.2% by volume
<b>Flow Resistivity</b>		0.5 x 10 <sup>4</sup> mks Rays/m
<b>AS4859 Compliance</b>	Complies with AS/NZ4859.1 “Materials for the thermal insulation of buildings”	Complies

GW BUILDING BLANKETS PLAIN – DATA SHEET