

# BRADFORD™ GOLD GLASSWOOL BLANKET



## Introduction

Bradford™ Gold glasswool blanket is a resilient and compressible insulation manufactured from the controlled felting of glasswool bonded with a thermosetting resin.

## Product Description

Bradford Gold glasswool blanket is a light golden colour and its high tensile strength and resilience favour low transport and installation costs

## Applications

- Bradford Gold glasswool blanket insulation is made in convenient lengths and widths to suit a wide range of building applications

## Features & Benefits

- Softer feel for easy handling
- High recycled content
- 100% Bio-soluble, posing no risk to health
- Low irritant and low allergen
- Lifetime Warranty
- Will not settle over time
- Bradford Gold achieves the best possible fire ratings. Bradford Gold will not ignite or burn and can hinder the spread of flame

## Standard Sizes & Packaging

R-Value	BRANZ Appraised	Nominal Thickness (mm)	Standard Size (mm)	Density (kg/m <sup>3</sup> )	Application	Area per pack (m <sup>2</sup> )	NRC Values
R0.7	✓	25	30m x 1200	18	Masonry Wall	36	-
R1.0	✓	40	30m x 1200	14	Masonry Wall	36	-
R1.3	✓	60	30m x 1200	9.8	Masonry Wall	36	0.80
R1.8	✓	80	15m x 1200	11.25	Wall/Ceiling	18	0.85
R2.2	✓	90	15m x 1200	11.3	Wall/Ceiling	18	-
R2.3*	✓	100	15m x 1200	11.3	Ceiling	18	0.95
R2.6	✓	120	10m x 1200	10.9	Ceiling	12	-
R2.8	✓	130	10m x 1200	10.8	Ceiling	12	-
R2.9		115	8m x 1200	13.6	Ceiling	9.6	-
R3.2	✓	145	10m x 1200	10.8	Ceiling	12	-
R3.6*	✓	165	7.5m x 1200	15.9	Ceiling	9	-

## Acoustic Performance

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

- ✓ Bradford have Environmental Choice ticks against all products that fall within category EC-25-04. All products that can be tested have the green tick. The minimum criteria is R2.5 for walls, R3.4 for ceilings and R1.4 for underfloor products.

\* 4 week lead time

# BRADFORD™ GOLD GLASSWOOL BLANKET

## Formulation

Bradford's advanced manufacturing processes provides products that are safe for allergy sufferers, allowing you and your family to breathe easy with added piece of mind.



Bradford products are manufactured using the latest FBS-1 bio-soluble formulation which has been assessed as nonhazardous under the National Occupational Health and Safety Commission's guidelines and can be installed with absolute confidence.

Bradford glasswool products do not contain harmful VOC's - Volatile Organic Compounds nor do they contain any harmful amounts of formaldehyde or other organic chemicals.

## Technical Leadership

Bradford Gold is manufactured using the latest Arlanda fibre technology, making Bradford Gold products nicer to handle, cut and install, while providing superior performance.

## Designing for Sustainability

Bradford Gold is manufactured from up to 65% recycled glass. Much of the recycled content used is not suitable for recycling in other applications.

## Zero Ozone Depleting Potential

Bradford Insulation has undertaken an audit of its Glasswool, Rockwool and reflective foil laminate insulation manufacturing processes referencing the US EPA List of Ozone Depleting Substances (Class 1 and Class 2).

This audit found that no ozone depleting substances are involved in either the manufacture or composition of these products.

## Physical Properties

Property	Performance	Test Criteria
Maximum Service Temperature	350 °C	Bradford recommends where high temperature use is required seek advice from your Bradford office.
Flow Resistivity	0.5 x 10 <sup>4</sup> mks Rayls/m	
Fire Resistance	Ignitability 0    Heat Evolved 0 Spread of Flame 0    Smoke Developed 0	When tested in accordance with AS/NZS1530.3:1999
Corrosion Resistance	pH 7.5 - 8.0	When tested in accordance with BS 3958 Part 5 - 1986
Moisture Absorbance	<0.2% by volume	Exposure to an atmosphere of 50°C and 95% relative humidity for four days. Note: IF the insulation becomes wet, full thermal efficiency will be restored on drying out.

**Bradford™**  
for smarter environments

CSR Bradford Insulation  
111b Kerwyn Ave, PO Box 204115, Highbrook, Manukau 2161, Auckland  
Telephone (+64) 9 968 2160 Facsimile (+64) 9 968 2199 Freephone 0800 277 123

[www.bradfordinsulation.co.nz](http://www.bradfordinsulation.co.nz)

CSR Bradford Insulation is a business division of CSR Building Products Limited ABN 55 008 631 356

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, please refer to the Bradford website for the latest version of this document. The purchaser should independently determine the suitability of the product for the intended use and application.

BRADFORD™ GOLD GLASSWOOL BLANKET - DATA SHEET

CSR