

# BRADFORD GOLD™ WALL INSULATION

## Product Description

Bradford Gold wall insulation is a resilient & compressible insulation manufactured from the controlled felting of glasswool bonded with a thermosetting resin.

- Designed to reduce energy costs by keeping heat out in summer and heat in during winter
- Designed to reduce unwanted noise
  1. Entering through external walls
  2. Between rooms within the house when installed into internal walls
  3. Between floors when installed into mid-floor and under floor applications



## Applications

- Specifically stiffened for use in wall applications
- Specially treated with a water repellent to increase the ability to repel water which provides a second line of defence in external walls and gives added protection to internal walls from water damage.
- Pieces are supplied in 580mm widths for 600mm stud centres & can readily be cut to fit other stud spacing
- Has a guaranteed R-Value and complies to AS/NZS 4859.
- Carries a lifetime guarantee

## Standard Sizes and Packaging

R-Value	Dimensions	Thickness	Area/ Bale m <sup>2</sup>	Coverage / Bale m <sup>2</sup>	Pieces / Bale	NRC Values	Bales / Multipac
R1.8	1160 x 580	90	14.8	16.6	22	0.85	6
R2.2	1160 x 580	90	10.8	12.1	16	1.05	5
R2.4	1160 x 580	90	6.7	7.5	10	-	5
R2.6	1160x 580	90	5.4	6.05	8	-	5
R2.8	1160 x 580	90	3.4	3.77	5	-	6

## Acoustic Performance

R-Value [mm]	Frequency [Hz]							NRC
	125	250	500	1000	2000	4000	5000	
R1.8	0.51	0.75	0.90	0.91	1.04	1.01	0.85	0.85
R2.2	0.56	1.00	1.04	1.02	1.05	1.10	1.05	1.05

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## 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	<.02% 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.

## Breathe easy

Bradford Gold is a highly sustainable product, being made from up to 80 per cent recycled glass. By installing Bradford Gold insulation, the building will require less energy for heating and cooling. This means fewer green house gas emissions are emitted reducing our impact on the environment.

All Bradford products are backed with a lifetime guarantee by CSR— one of Australia's oldest and largest building companies.

All Bradford products are manufactured to stringent standards and meet the requirements of AS/NZS 4859.1 so they can be used in any home to meet the New Zealand building regulations.

BRADFORD GOLD WALL - DATA SHEET