

# Bradford Gold™ Wall

## 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

## Application

- Specifically stiffened for use in wall applications
- Specially treated with a water repellent to increase the ability to repel water which 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 4859.1
- Carries a lifetime guarantee

## Standard Sizes and Packaging

R Value	Size (mm)	Area / Bale	Coverage / Bale	Items / Bale	NRC	Multi-Pac Sizes
R1.8	1160 x 580 x 95	16.1m <sup>2</sup>	18.2m <sup>2</sup>	24	0.85	6 bales
R2.2	1160 x 580 x 95	12.1m <sup>2</sup>	13.6m <sup>2</sup>	18	1.05	5 bales
R2.6	1160 x 580 x 95	6.7m <sup>2</sup>	7.5m <sup>2</sup>	10	-	5 bales

## Maximum Service Temperature

Bradford Gold is intended for use at temperatures normally prevailing in building structures. Maximum service temperature: 350°C.

## Flow Resistivity

0.5 x 10<sup>4</sup> mks Rayls/m.

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### Acoustic Performance

#### Sound Transmission Loss (dB)

Frequency (Hz)	125	250	500	1000	2000	4000	5000	NRC
R1.8 Wall	0.51	0.76	0.90	0.91	0.93	1.04	1.01	0.85
R2.2 Wall	0.56	1.00	1.11	1.04	1.02	1.05	1.10	1.05

### Fire Resistance Properties

Tested in accordance with AS/NZS 1530 Part 3-1999, Bradford Gold has the following fire indices:

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

### Corrosion Resistance

Bradford Gold is faintly alkaline and incapable of corroding steel. To maintain this condition, protection must be provided against contamination from external sources. When tested in accordance with BS 3958 Part 5-1969, Bradford Gold pH is 7.5-8.0.

### Moisture Resistance

Exposure to an atmosphere of 50°C and 95% relative humidity for four days, results in moisture absorption of less than 0.2% by volume. If the insulation becomes wet, full thermal efficiency will be restored on drying out.

### Breathe Easy

Bradford Gold is great for the environment. Not only is it manufactured using up to 70% recycled glass but saving energy also reduces greenhouse gas emissions which is great news for the planet.

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

And they come with a lifetime guarantee backed by CSR - one of Australasia's oldest and largest building materials companies.

 **Bradford™**  
for smarter environments

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