

BRADFORD GOLD WALL BATTS

INTRODUCTION

Bradford Glasswool Wall Batts are a resilient and compressible insulation manufactured from the controlled felting of glasswool bonded with a thermosetting resin.

The product is non hazardous and bio soluble. Glasswool Wall Batts have a special treatment added to increase their ability to repel water which gives added protection to internal and external walls from possible water damage from water wicking. Glasswool Wall Batts will not burn and will provide excellent thermal and acoustic insulation in the home.

PRODUCT DESCRIPTION

Glasswool Wall Batts are manufactured to a controlled thickness so they can be used in suitably sized stud framing cavities. Glasswool Wall Batts should be retained in position with string or wall wrap during construction.

For external walls using wall wrap is the recommended method so that ventilation of the wall cavity is preserved.

Glasswool Wall Batts will increase comfort and reduce energy bills in the home by keeping heat out during summer and heat in during winter.

Glasswool Wall Batts will also reduce noise entering the home when installed in the external walls, or reduce noise transfer between rooms when installed in the internal walls. Glasswool Wall Batts are supplied in two convenient widths to suit standard housing construction: 430mm width for 450mm stud centres, and 580mm width for 600mm stud centres.

For steel stud framing please refer to sizing table below.

For safe handling instructions please refer to the Glasswool Safe Use Information Sheet (SUIS).

SKU TABLE

| R VALUE (m ² K/W) | NOMINAL THICKNESS (mm) | STANDARD SIZE (mm) |
|--|------------------------|--------------------|
| BRADFORD GOLD WALL BATTS | | |
| 1.5 | 75 | 1160 x 430 |
| | 75 | 1160 x 580 |
| 2.0 | 90 | 1160 x 430 |
| | 90 | 1160 x 580 |
| 2.5 | 90 | 1160 x 430 |
| | 90 | 1160 x 580 |
| BRADFORD GOLD HI PERFORMANCE WALL BATTS | | |
| 2.0 | 75 | 1160 x 430 |
| | 75 | 1160 x 580 |
| 2.1* | 70 | 1160 x 430 |
| | 70 | 1160 x 580 |
| 2.2 * | 75 | 1160 x 430 |
| | 75 | 1160 x 580 |
| 2.7 * | 90 | 1160 x 430 |
| | 90 | 1160 x 580 |
| 4.0 | 140 | 1160 x 430 |
| | 140 | 1160 x 580 |
| COMMERCIAL & STEEL FRAME WALL BATTS | | |
| 1.5 | 75 | 1200 x 450 |
| | 75 | 1200 x 600 |
| 2.0 | 90 | 1200 x 450 |
| | 90 | 1200 x 600 |
| 2.0 | 90 | 1200 x 450 |
| | 90 | 1200 x 600 |
| 2.5 | 90 | 1200 x 450 |
| | 90 | 1200 x 600 |
| 2.7 * | 90 | 1200 x 450 |
| | 90 | 1200 x 600 |

* refer to physical property table

GW GOLD WALL BATTS

PHYSICAL PROPERTIES

| | | |
|------------------------------------|---|--|
| MAXIMUM SERVICE TEMPERATURE | | 350°C |
| FIRE HAZARD PROPERTIES | When tested in accordance to AS/NZS 1530 Part 3-1999 | <ul style="list-style-type: none"> • Ignitability: 0 • Spread of flame: 0 • Heat Evolved: 0 • Smoke Developed: 0 - 1 |
| CORROSION RESISTANCE | When tested in accordance with BS 3958 Part 5-1969 | pH 7.5-8.0 |
| MOISTURE RESISTANCE | When left in a controlled atmosphere of 50°C and 95% relative humidity for four days | Less than 0.2% by volume |
| COMBUSTIBILITY | When tested in accordance with AS 1530 Part 1: 1994 | Non-combustable - product density $\leq 24\text{kg/m}^3$ excludes products marked with * |
| ELECTRICAL CONDUCTIVITY | Non-conductive when tested in accordance with AS/NZ 3100 | Electrical resistance $> 10\text{M}\Omega$ at 500V |
| SAMPLE SPECIFICATION | The insulation material shall be Bradford Gold Wall Batts having a material R-Value; Rm... (specify R-Value) @ XXmm...(specify thickness) manufactured in Australia. Insulation material to be non-combustible unless otherwise approved. For installation specifications refer to the relevant section in ICANZ Part2 Installation hand book and/or AS3999 Bulk thermal insulation—Installation. | |

SOUND ABSORPTION

When tested in a reverberation chamber in accordance with AS1045-1988 or AS ISO 11654-1997.

| R VALUE | THICKNESS (mm) | FREQUENCY (Hz) | | | | | | | |
|-------------|----------------|----------------|------|------|------|------|------|------|------|
| | | 125 | 250 | 500 | 1000 | 2000 | 4000 | 5000 | NRC |
| R2.0 | 90 | 0.57 | 0.78 | 0.97 | 0.91 | 0.96 | 1.00 | 0.95 | 0.90 |
| R2.5 | 90 | 0.55 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |

BREATHE EASY

Bradford Glasswool is not classified as carcinogenic. The International Agency for Research into Cancer (IARC) has determined that glasswool insulation products are non-carcinogenic, with no potential for causing cancer in humans. Bradford Gold Insulation is the only accepted insulation partner of the National Asthma Council Australia Sensitive Choice program. Bradford Gold Insulation is suitable for use in homes of asthma and allergy sufferers.

Bradford Insulation guarantees that all our products are low allergen, will not pack down, shrink, mould, rot or deteriorate and, when installed in accordance with our directions, are warranted for 70 years.

This product complies with AS4859.1 – “Materials for the thermal insulation of buildings”.



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