

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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