

Bradford Gold Wall Insulation

INTRODUCTION

Bradford Glasswool Wall segments 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 segments 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 segments will not burn and will provide excellent thermal and acoustic insulation in the home.

PRODUCT DESCRIPTION

Glasswool Wall segments are manufactured to a controlled thickness so they can be used in suitably sized stud framing cavities. Glasswool Wall segments 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 segments will increase comfort and reduce energy bills in the home by keeping heat out during summer and heat in during winter.

Glasswool Wall segments 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 segments are supplied in standard housing construction width: 580mm width for 600mm stud centres.

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

SKU TABLE

R VALUE (m ² K/W)	BRANZ Appraised	NOMINAL THICKNESS (mm)	STANDARD SIZE (mm)
BRADFORD GOLD WALL SEGMENTS			
R1.8	✓	90	1160 x 580
R2.2	✓	90	1160 x 580
R2.4	✓	90	1160 x 580
R2.6	✓	90	1160 x 580
R2.8	✓	90	1160 x 580
R3.5	✓	140	1160 x 580
BRADFORD GOLD HI PERFORMANCE WALL SEGMENTS			
R4.0		140	1160 x 580

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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-combustible
ELECTRICAL CONDUCTIVITY	Non-conductive when tested in accordance with AS/NZ 3100	Electrical resistance > 10MΩ at 500V

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 AS/NZS4859.1 – “Materials for the thermal insulation of buildings”.



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