



SOUNDSCREEN WALL AND FLOOR BATTS

Product Description

Bradford SoundScreen is a lightweight insulation material manufactured from a molten mixture of natural rock and recycled blast furnace waste products, and bonded with a thermosetting resin. The product is sometimes referred to as Rockwool insulation. The wall batt range is specifically formulated with water repellent to prevent moisture ingress into buildings.

The product is light brown in colour, and comes in two width sizes designed to suit the standard stud or joist centres of 450mm and 600mm.

SoundScreen is supplied in strong polythene packaging for ease of transport and handling and

is especially recommended where an economical combination of acoustic & thermal insulation is required.

Bradford SoundScreen range passes the AS1530.1 criteria making them a *non-combustible* material suitable for the use in BCA FRL wall applications.

This product originally was suited for applications needing acoustic solutions and has since been designed and thermally rated so to comply with AS4859.1 – “Materials for the thermal insulation of buildings”.

Applications

Product	Applications	Sound Reduction
SoundScreen R1.6	<ul style="list-style-type: none"> Internal and external wall cavities Floor and ceiling cavities 	Reduce sound transfer by up to 50 per cent
SoundScreen R2.0	<ul style="list-style-type: none"> Internal and external wall cavities Floor and ceiling cavities 	Reduce sound transfer by up to 75 per cent
SoundScreen R2.5	<ul style="list-style-type: none"> Internal and external wall cavities Floor and ceiling cavities 	Reduce sound transfer by up to 75 per cent
SoundScreen R3.0	<ul style="list-style-type: none"> Floor and ceiling cavities 	Reduce sound transfer by up to 85 per cent

SKU Table

Nominal Thickness (mm)	Standard size (mm)	Items per pack	m ² per Pack	Coverage per Pack (m ²)
SoundScreen 1.6 for Walls, Floors and Ceilings, nominal density 35kg/m ³				
60	1350 x 430	6	3.48	3.87
60	1350 x 580	6	4.70	5.22
60	1350 x 600	6	4.86	4.86*
SoundScreen 2.0 for Walls, Floors and Ceilings, nominal density 32.5kg/m ³				
75	1350 x 430	6	3.48	3.87
75	1350 x 580	6	4.70	5.22
75	1350 x 600	6	4.86	4.86*
SoundScreen 2.5 for Walls, Floors and Ceilings, nominal density 40kg/m ³				
88	1350 x 430	5	2.90	3.22
88	1350 x 580	5	3.92	4.35
88	1350 x 600	5	4.05	4.05*
SoundScreen 3.0 for Floors and Ceilings, nominal density 30kg/m ³				
120	580 x 430	9	2.24	2.49

* Sizes to suit steel frames

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Physical Properties

Maximum Service Temperature		350 °C
Fire Hazard Properties	When tested in accordance to AS1530 Part 3-1999	<ul style="list-style-type: none">• Ignitability: 0• Spread of flame 0• Heat Evolved 0• Smoke Developed 0
Corrosion Resistance	When tested in accordance with BS 3958: Part 5- 1969	pH 7.5-9.0
Moisture Absorption	When placed in a controlled atmosphere of 50 °C and 95% relative humidity for 96 hours.	Less than 0.2% by volume
Flow Resistivity		0.5 x 10 ⁴ mks Rayls/m
Sample Specification	The insulation material shall be non-combustible, Bradford SoundScreen floor/wall/ceiling batts having a material R value of R(), having a nominal thickness (), as manufactured by Bradford Insulation. The nominated thickness shall be equal to or less than the cavity to which the insulation will be installed ie. not to apply pressure to wall cladding surface. For installation specifications refer to the relevant Application Brochure in the Bradford Insulation Building Literature Series.	

Acoustic Performance

The following acoustic performance can be achieved when installed to the follow wall applications:

CSR 924

Std 230mm Brick Veneer construction, 90mm timber stud frame @600mm centres, 1 x 10mm Gyprock CD plaster, SoundScreen R2.5 wall batt installed within stud cavity – Rw60.

CSR 325

Std 110mm internal plaster wall construction, 90mm timber stud frame @600mm centres, both sides 1 x 10mm Gyprock SoundChek plaster sheet, SoundScreen R2.0 wall batt installed within stud cavity – Rw40.

Health & Safety

Bradford Rockwool is not classified as hazardous according to the criteria of the ASCC (formally NOHSC) guidelines. The international Agency for Research into Cancer (IARC) has determined that Rockwool insulation products are not classed as carcinogenic.

Bradford Insulation Rockwool products have been endorsed by the National Asthma Council Australia 'Sensitive Choice' Program as suitable for homes of asthma and allergy sufferers.