

# SoundScreen™



SoundScreen dramatically reduces unwanted noise transfer through stud walls, floors & ceilings by as much as 75% in sound power level.

## Product Description



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. It is specially formulated with water repellent to prevent moisture ingress into buildings.

The product is light brown in colour and 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.

## Standard Size and Packaging

Reduction In Acoustic Energy	R Value	Thickness	Size (mm)	Items / Pac	Area / Pac
75%	R2.0	75mm	1350 x 580	6	4.7m <sup>2</sup>

## Maximum Service Temperature

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

## 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.

## SoundScreen™

## Acoustic Performance

## Sound Transmission Loss (dB)

Frequency (Hz)	125	250	500	1000	2000	4000	5000	FSTC	R <sub>w</sub>
R2.0 SoundScreen	19	31	42	49	57	50	54	42	41

70mm timber stud at 600mm cts, 10mm plasterboard

Replace standard plasterboard with 10mm acoustic plasterboard to improve the sound transmission loss by up to 3dB

## Fire Resistance Properties

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

- ✘ Ignitability 0
- ✘ Heat Evolved 0
- ✘ Spread of Flame 0
- ✘ Smoke Developed 0

## Corrosion Resistance

SoundScreen 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 5-1986, Bradford SoundScreen pH is 7.0-9.0.

## Breathe Easy

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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