

## Why Bradford SoundScreen™ acoustic insulation is better

CSR Bradford uses one of the world's most advanced technologies to manufacture SoundScreen insulation.

### BRADFORD SOUNDSCREEN

- High density
- Australia's most popular acoustic insulation – because it works.
- Made in Australia for Australian conditions.
- Has a guaranteed R-Value and complies to Australian and New Zealand Standard AS/NZS 4859.1.
- Will not burn and is inherently fire-resistant.
- Will not rot, mould or deteriorate.
- SoundScreen is part of the National Asthma Council's 'Sensitive Choice' program in Australia.
- Low allergen.

## What you need

### TOOLS

- Sharp knife and cutting board

### FOR WALLS AND BETWEEN FLOORS

- Polypropylene string
- Staple gun and staples

### FOR CEILINGS

- Ladder, torch or lamp and kneeling board
- Insulation poker (poker can be made using 25mm rod one metre long and two nails about 25mm and 100mm from one end)

## Basic rules for walls

- Before starting, clean off excess mortar from brickwork and studwork.
- For standard spacing of 450mm timber centres fit 430mm wall insulation. For 600mm timber centres fit 580mm insulation between wall studs.
- For steel studs use 450mm and 600mm products.
- For other stud spaces, insulation should be cut 5-10mm oversize to ensure a tight friction fit.
- Ensure wall insulation is not compressed to a thickness less than the nominal stabilised thickness when installed to ensure the optimum performance of the insulation and also the plasterboard.

NOTE – compressing SoundScreen can cause plasterboard walls to bow or pop.

## Installing Bradford SoundScreen in timber framed construction

- Turn off power at the fuse box before commencing the installation. Ensure you place a warning tag to prevent power being restored prior to completion of the install. Be aware that your electrical appliances will not operate during this time.
- Friction fit Bradford SoundScreen in wall cavities.
- For external walls, stringing is recommended when installing Bradford SoundScreen insulation to ensure the insulation cannot bridge the cavity.
- Start at the underside of the top plate, 75mm in from the vertical stud.
- Staple polypropylene string to the underside of the top plate as far back as the thickness of the insulation.
- Drop the string to the top of the nogging, tensioning before stapling.
- Run the string towards yourself and turn it to the underside of the nogging and staple.
- Drop the string to the bottom plate, tensioning before stapling.

## Basic rules for ceiling

- Take enough packs into the roof for the whole job.
- Purchase 430mm insulation for 450mm joist centres and 580mm insulation for 600mm centres.
- Stand on ceiling joists only.
- Ensure kneeling board is positioned over at least two ceiling joists.
- Start laying insulation from the furthest point from the manhole.
- Do not block ventilation openings – leave 50mm clearance around chimney from your heater.
- Please refer to plasterboard manufacturers for maximum ceiling load.

## Laying Bradford SoundScreen in ceilings

- Turn off power at the fuse box before commencing the installation. Ensure you place a warning tag to prevent power being restored prior to completion of the install. Be aware that your electrical appliances will not operate during this time.
- Lay insulation between ceiling joists using the poker to push them into limited access areas.
- Do not leave any gaps between the insulation.
- Fit insulation tightly between joists, but do not compress insulation.

- Push insulation out towards eaves so the end of the first segment is 50mm into the wall plate.
- For best results install the insulation with the top surface up. The top surface is that facing the front of the pack.
- Insulation must not be installed in contact with downlights recessed into ceilings. To meet AS3999 in Australian homes a clearance of 25-50mm must be provided around the perimeter of the fitting to help heat dissipation, however the clearance should be as close to 25mm as possible to ensure maximum insulation performance. To meet NZ4246.1 in New Zealand homes a clearance of 200mm must be provided around the perimeter of the fitting to help heat dissipation, however the clearance should be as close to 200mm as possible to ensure maximum insulation performance.

## Electric cables and equipment

- Electric cables and equipment partially or completely covered may overheat and fail.
- Lay insulation with electrical wiring and equipment, such as transformers, on top. For excessive runs covered by insulation seek advice from an electrician as to whether cardboard spacers or similar would be required to allow air circulation.
- Electrical wiring must not be completely surrounded by insulation without prior approval from a licenced electrical contractor. Partially surrounding of electrical wiring is acceptable as long as the wiring has been done in compliance with AS/NZS3000 post 1984.
- For more information regarding the installation of insulation around electrical cables and equipment, please refer to AS3999.

## Basic rules for mid floors

- Bradford SoundScreen insulation can be easily cut to fit tightly between the joists and should be pressed in place to ensure there are no gaps between insulation and joists, or between abutting edges of insulation.
- Bradford SoundScreen insulation is retained in position by stapling polypropylene tape to timber joists across the underside of the insulation.
- When the joist depth is greater than the insulation thickness install a double layer around the perimeter so as to avoid convective air drafts.

## Product performance

- After unpacking, the product is designed to achieve its nominal stabilised thickness within 24 hours of installation.
- The performance of this product may be reduced if stored for too long in its compression packaging.
- The total R-Value depends on installation and may be greater than or less than the R-Value of the product.
- The material R-Value represented on this pack was determined at a mean temperature of 23°C for products sold in Australia and 15°C for products sold in New Zealand, as per AS/NZS 4859.1.
- The material R-Value is independent of the heat flow direction (the same R-Value is achieved in summer and winter conditions).

## Bradford product warranties\*

Subject to the terms and conditions below, CSR Building Products Limited ACN 008631356 ('Bradford') warrants that Bradford SoundScreen installed at the Premises will remain free of defects in material and manufacture for the life of the home (up to 70 YEARS from Installation Date) and meet the following standards provided they are not disturbed after installation:

1. Achieve optimum fire resistance performance when tested in accordance with Australian Standard 1530 part 3 of 1999.
2. Be electrically non-conductive, allergy free, will not pack down, will not rot or support mould or deteriorate.
3. Achieve the stated thermal resistances (R-Values) in accordance with AS/NZS4859.1.

### WARRANTY TERMS AND CONDITIONS

The warranties above will not apply in respect of any products that have been used in any manner not in accordance with the Bradford's instructions, nor the reuse of any products after their initial installation.

The warranties above are provided in addition to other rights and remedies available in respect of the acquisition of products by a 'consumer' (as defined in the Competition and Consumer Act 2010 (Cth)).

The following statement is provided where Bradford has provided products or services to a buyer who is a 'consumer' under the Australian Consumer Law: Our goods come with guarantees that cannot be excluded under Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Other than expressly set out in the above warranties, and the warranties that cannot be excluded under The Australian Consumer Law (Schedule 2 of the Competition and Consumer Act 2010 (Cth)) (and any other law), Bradford excludes all other warranties and guarantees with regard to the Bradford Products, and Installed Bradford Products including all implied warranties and guarantees. In addition, to the extent that it is able to do so, Bradford excludes all liability for loss and damage (including consequential loss) where the relevant product or service provided is a good or service other than of a kind ordinarily acquired for personal, domestic or household use or consumption. Notification of a warranty claim must be made to Bradford prior to any return of the Product.

To claim under this warranty you must contact CSR at the address below, or (bradfordenquiries@csr.com.au) or (1300 850 305). All expense of claiming the warranty will be borne by the consumer making the claim. CSR may require documentation supporting the claim to be provided.



## CSR Bradford Health and Safety Information BRADFORD SOUNDSCREEN

### INGREDIENTS

Bio soluble glass >85%  
Heat cured resin <10%  
Solvent refined mineral oil <1%

### RISK INFORMATION

This product has been assessed by CSR Bradford according to the criteria of the National Occupational Health and Safety Commission (NOHSC): NOHSC:1008 (1999) and NOHS:1005 (1999). As a result of the assessment, this product is not classified as hazardous according to the NOHSC criteria.

Dust from this product may cause discomfort of the eyes and respiratory system; and may cause skin itching.

### SAFETY INFORMATION



- When handling glasswool, particularly handling it overhead or in enclosed or poorly ventilated areas such as ceiling spaces or risers, eye contact with dust or fibre can be avoided by wearing ventilated non-fogging dust resistant goggles conforming to Australian and New Zealand Standard AS/NZS 1336.

- Direct skin contact can be minimised by wearing long sleeved shirts and long trousers, a cap or hat, and standard duty gloves.
- When handling glasswool, in enclosed or poorly ventilated areas, an approved particulate respirator conforming to Australian and New Zealand Standards AS/NZS 1715 is recommended.

### TAKE THE FOLLOWING PRECAUTIONS TO MINIMISE DUST



- Store as packaged in sealed bags.
- Use hand tools in preference to power tools.
- Clean up regularly.
- Wash work clothes regularly and separately from other clothes.

### FIRST AID



- In case of contact with eyes, rinse immediately with plenty of water.
- In case of skin itching, wash skin with soap and water.
- If inhaled, remove to fresh air.
- In all cases, seek medical attention if symptoms persist.

### DISPOSAL



- Follow above safety instructions. It is recommended to collect off-cuts and dust and place in containers or plastic bags. Dispose of containers and waste material as general waste or in accordance with local authority guidelines.

### CAUTION

- Electrical cables and equipment partially or completely surrounded with bulk thermal insulation may overheat and fail. Read the instructions on this pack.

For further information refer to the Safe Use Information Sheet for this product which is available on our website [csrbradford.com.au](http://csrbradford.com.au)

### MANUFACTURER

CSR Bradford  
39 Delhi Road, North Ryde  
NSW 2113, Australia  
Phone: 1300 850 305  
Email: [bradfordenquiries@csr.com.au](mailto:bradfordenquiries@csr.com.au)

### NZ Office:

CSR Bradford  
8 Reg Savory Place  
Highbrook, Auckland  
New Zealand  
Phone: 0800 277 123

[bradfordinsulation.co.nz](http://bradfordinsulation.co.nz)

### REGISTERING YOUR BRADFORD WARRANTY

This product is covered by a 70 year product warranty. For full details go to [csrbradford.com.au](http://csrbradford.com.au) and log your information on the home page. An electronic warranty certificate will be emailed to you.

(Conditions apply).

\*The life of the home is taken by Bradford to be 70 years from the date of product installation, for the purpose of this warranty.