

BlazeBrake™ Data Sheets

Foam Systems / BlazeBrake™ Expanding Foam



Description

BlazeBrake™ Fire Rated Expanding Foam. One component expanding PU foam, Fire Rated up to 4 hours.

Unsealed or open penetrations in multi level building structures allow the passage of smoke, heat, flames and gas between building compartments. These openings occur where cables and pipes penetrate floors and walls, or where there are floor and wall joints in building structures. BlazeBrake™ Fire Rated Foam and Acrylic Sealant are designed and tested to comply with the New Zealand Acceptable Solution C/AS1 Appendix C Section 7.1.2. Fire Test Methods” to provide up to 4 hours fire protection.

Recommended uses

Suitable for fire rated sealing of joints in precast and tilt up construction walls, metal pipe penetrations, ceilings and floors. Also suitable for sealing gaps around window and door frames sound dampening and sealing against draughts and moisture.

Key Features

- No dispensing tools required
- 50% post expansion rate
- High bond strength
- Light grey colour
- Fire rating of up to 4 hours
- Acoustic Damping - Din 52 210 or up to 58 dB
- Greater than 30 litres of expanding foam
- Up to 80mm joint width
- Up to 210mm joint depth
- Can be painted and covered with plaster
- Excellent dimensional stability
- CFC & HSFC free

Key Applications

- Electrical and data cable penetrations
- Metal pipe penetrations
- Mechanical services penetrations
- Floor, wall and ceiling joints
- Concrete to concrete structures
- Concrete to plasterboard FR walls
- Partition FR wall to partition FR wall Features
- Fire rated to AS1530.4-2005
- 50% post expansion rate
- High bond strength
- Light grey colour
- Fire rating of up to 4 hours
- Acoustic Damping - Din 52 210 or up to 58 dB
- Greater than 30 litres of expanding foam

- Up to 80mm joint width
- Up to 210mm joint depth
- Can be painted and covered with plaster
- Excellent dimensional stability
- CFC & HSFC free (ozone layer friendly)
- No dispensing tools required

Colour

Grey

Packaging

750ml

Usage Guidelines

Necessary Tools

Cutting knife, tape for masking off adjacent areas.

Preparation

- Always carry out a test to confirm compatibility prior to use.
- Protect floor coverings with paper or plastic film.
- The surface must be dry, solid, stable and capable of carrying the load of the panels to be installed.
- Remove loose particles, dust and grease.
- A speedier cure can be attained by moistening the substrates if needed.

Application

- Shake the canister vigorously at least 20 times. Fix the plastic straw.
- Invert the can and direct the nozzle into gap and press gently on the adaptor to the correct flow rate.
- Fill approximately half of the required depth of the cavity because the foam will expand.
- On horizontal surfaces always work away from the extruding bead and work upwards on all vertical surfaces.

Cleaning

Remove excess foam immediately. Ensure surface is solvent resistant before cleaning. Cured foam can only be removed mechanically.

Storage

Store between +5°C and +25°C in dry conditions.

Shelf life

9 Months when stored in original unopened containers.

Health & Safety Precautions

Use only in well-ventilated areas. No smoking. Wear suitable protective clothing. Wear suitable gloves and eye/face protection. Product Safety Data Sheet must be read and understood before use.