Fosroc®
Expandafoam®

constructive solutions

(Previously known as Jointflex)

Closed cell polyethylene joint filler

Uses

Expandafoam is a closed-cell polyethylene joint filler for use as an expansion joint filler in brick and blockwork, isolation joints and hinge joints where a readily compressible low load transfer joint filler is required.

Expandafoam is also used as back-up strips for elastomeric sealants placed in joints of concrete floors subject to foot traffic and light wheel loads.

For joints subject to heavy loads or joints in water retaining structures Hydrocell should be used (see separate Technical Data Sheet).

- Back-up/bond breaker strip to support sealants
- Bridge decks, abutments, pier hinge joints
- Brick and blockwork in building superstructures

Advantages

- Readily compressible
- Low load transfer
- Easily cut on-site
- Excellent recovery after compression
- Non-absorbent
- Rot proof
- CFC free

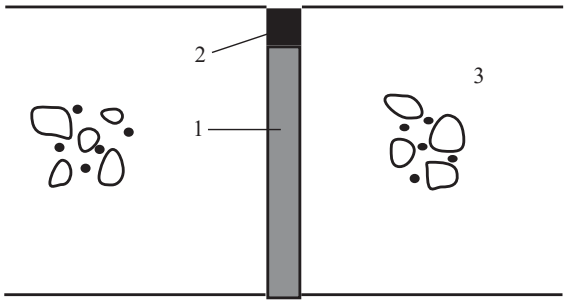
Description

Expandafoam is a flexible, readily compressible, closed-cell polyethylene joint filler supplied in sheet form and in rolls of rectangular sections. Expandafoam is available in a range of widths and thicknesses to suit common applications and can be pre-slit to assist in forming a slot to accept joint sealants.

Expandafoam can also be supplied with a self adhesive backing.

Design Criteria

Trafficked surface expansion joint

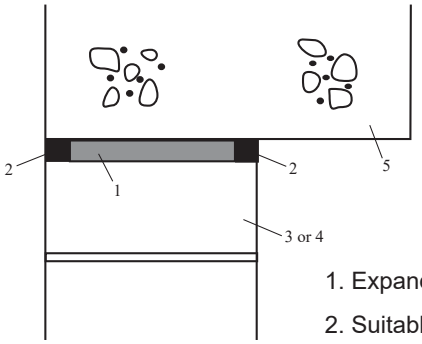


1. Expandafoam
2. Suitable joint sealant
3. Concrete slab

External walling and cladding

Expandafoam is used as a readily compressible, low load transfer joint filler in joints surrounding brick infill panel walling. It is also used as a gap filler, back-up strip and bond breaker to fill open joints in panel construction to provide support for joint sealants.

Compression joint in brick infill panel



1. Expandafoam
2. Suitable joint sealant
3. Blockwork
4. Brick panel external
5. Concrete beam

Properties

Form:	Cross linked, compressible, closed cell foam sheet
Colour:	Grey
Weathering:	Very good weather resistance
Recovery:	Greater than 90%
Water absorption:	<0.02 g/cm³
Nominal density:	25 kg/m³
Chemical resistance:	Resists most common acids and chemicals
Thermal conductivity:	K factor 0.031 WMK 0°C

Application Instructions

Joint sealing slots

When used as an expansion or isolation joint filler in brickwork, Expandafoam should be positioned to provide for a surface sealing slot of the required dimensions ensuring that the sealing slot is free from mortar droppings or slurry bridging.

Expandafoam may be fixed into position using a suitable general construction adhesive. Care should be taken not to contaminate the surfaces of the sealing slot with adhesive.

Where Expandafoam is used as the joint filler no additional bond breaker is necessary.

Used as a back-up/bond breaker strip Expandafoam serves both; regulate depth of sealing slot required and to ensure movement of the joint sealant is not restricted by adhesion to base of sealing cavity.

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Supply

Expandafoam is supplied in sheet size 2.4 m x 1.2 m.

Expandafoam 10mm:	FC700605-UNIT
Expandafoam 12mm:	FC700610-UNIT
Expandafoam 15mm:	FC700615-UNIT
Expandafoam 20mm:	FC700623-UNIT
Expandafoam 25mm:	FC700625-UNIT
Expandafoam 30mm:	FC700630-UNIT
Expandafoam 40mm:	FC700635-UNIT
Expandafoam 50mm:	FC700640-UNIT

Expandafoam is also supplied in rolls

Expandafoam 75mm x 10mm x 25m:	FC700690-UNIT
Expandafoam 100mm x 10mm x 25m:	FC700650-UNIT

Expandafoam is also supplied in rolls with Self Adhesive backing

Expandafoam SA 75mm x 10mm x 25m:	FC700195-UNIT
Expandafoam SA 100mm x 10mm x 25m:	FC700170-UNIT
Expandafoam SA 125mm x 10mm x 25m:	FC700173-UNIT
Expandafoam SA 150mm x 10mm x 25m:	FC700180-UNIT
Expandafoam SA 200mm x 10mm x 25m:	FC700185-UNIT
Expandafoam SA 250mm x 10mm x 25m:	FC700160-UNIT
Expandafoam SA 300mm x 10mm x 25m:	FC700190-UNIT

Storage

There are no special storage requirements for this product, however, it should be stored in the dry and not left exposed to the elements for extended periods, especially in hot climates.

Important notice

A Safety Data Sheet (SDS) is available from the Fosroc website. Read the SDS and TDS carefully prior to use as application or performance data may change from time to time. In emergency, contact any Poisons Information Centre (phone 13 11 26 within Australia) or a doctor for advice.

Product disclaimer

This Technical Data Sheet (TDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this TDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Parchem does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.

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