

EXPANSION JOINT IE FILLER BOARD

Closed cell polyethylene joint filler

Description

IE FILLER BOARD is a flexible, readily compressible, closed-cell polyethylene joint filler supplied in sheet form.

IE FILLER BOARD is available in a range of widths and thicknesses to suit common applications and can be pre-slitted to assist in forming a slot to accept joint sealants.

Uses

IE FILLER BOARD 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.

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

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

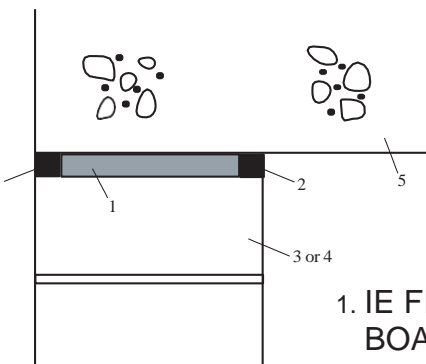
External walling and cladding

IE FILLER BOARD 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.

Advantages

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

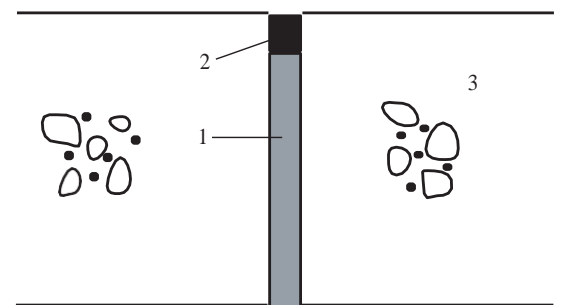
Compression joint in brick infill panel



- 1. IE FILLER BOARD
- 2. Suitable joint sealant
- 3. Blockwork
- 4. Brick panel external
- 5. Concrete beam

Design Criteria

Trafficked surface expansion joint



- 1. IE FILLER BOARD
- 2. Suitable joint sealant
- 3. Concrete slab

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Application Instructions

Joint sealing slots

When used as an expansion or isolation joint filler in brickwork, IE FILLER BOARD 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.

IE FILLER BOARD 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 IE FILLER BOARD is used as the joint filler no additional bond breaker is necessary.

Used as a back-up/bond breaker strip IE FILLER BOARD 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.

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.

Supply

IE FILLER BOARD sheet thickness: 10, 12, 15, 20, 25, 30, 40 and 50mm. IE FILLER BOARD standard sheet size is 3.05 m x 1.37 m. Other sizes of IE FILLER BOARD are available to specific order.

TECHNICAL SPECIFICATION

PROPERTIES	VALUES
Form:	Cross linked, compressible, closed cell polymer
Color:	Dark ash black
Weathering:	Very good weather resistance
Recovery:	Greater than 98%
Water absorption:	<1%
Effects of fire When tested to AS1503 Pt.3	
Spread of flame index	0
Heat evolved index	0
Smoke development index (smoke given off is non-toxic)	4
Being a thermoplastic material, IE FILLER BOARD will melt. It is combustible but rate of flame spread will be reduced when confined within a joint	
Nominal density:	100 kg/m ³ ± 5 kg/m ³
Chemical resistance:	Resists most common acids and chemicals
Extrusion	Nil (three edges restrained and sample compressed by 50%)