

# Jointflex

## Closed cell polyethylene joint filler

### USES

Jointflex 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.

Jointflex 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 Stiffjoint 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

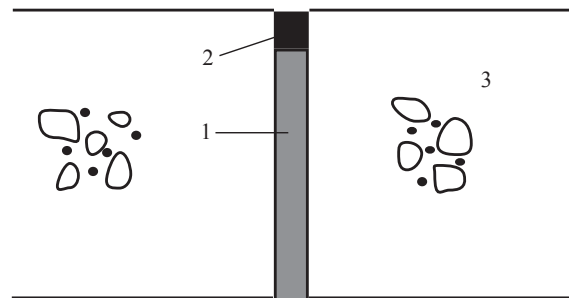
- Readily compressible
- Low load transfer
- Easily cut on-site
- Excellent recovery after compression
- Non-absorbent
- Rot proof
- CFC free

### DESCRIPTION

Jointflex is a flexible, readily compressible, closed-cell polyethylene joint filler supplied in sheet form and in rolls of rectangular sections. Jointflex 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. Jointflex can also be supplied with a self adhesive backing.

### DESIGN CRITERIA

#### TRAFFICKED SURFACE EXPANSION JOINT

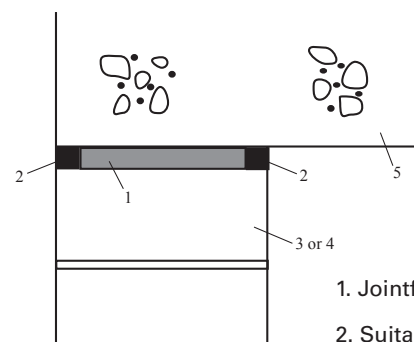


1. Jointflex
2. Suitable joint sealant
3. Concrete slab

#### EXTERNAL WALLING AND CLADDING

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

## PROPERTIES

<b>Form:</b>	Cross linked, compressible, closed cell foam sheet
<b>Colour:</b>	Grey
<b>Weathering :</b>	Very good weather resistance
<b>Recovery:</b>	Greater than 90%
<b>Water absorption:</b>	<0.02 g/cm <sup>3</sup>
<b>Effects of fire:</b>	When tested to AS1503 Pt.3 Spread of flame index 0 Heat evolved index 0 Smoke development index 4 (smoke given off is non-toxic) Being a thermoplastic material, Jointflex will melt. It is combustible but rate of flame spread will be reduced when confined within a joint
<b>Nominal density:</b>	25 kg/m <sup>3</sup>
<b>Chemical resistance:</b>	Resists most common acids and chemicals
<b>Thermal conductivity:</b>	K factor 0.031 WMK 0°C

## APPLICATION INSTRUCTIONS

### JOINT SEALING SLOTS

When used as an expansion or isolation joint filler in brickwork, Jointflex 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.

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

Used as a back-up/bond breaker strip Jointflex 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.

## ESTIMATING

Jointflex sheet thickness: 10, 12, 15, 20, 25, 30, 40 and 50 mm. Jointflex standard sheet size is 2.4 m x 1.2 m.

Other sizes of Jointflex are available to specific order.

Jointflex is supplied in 25 metre rolls in the following sizes :

10 mm thick: 50, 75, 100, 125, 150, 200, 250 and 300 mm depth

Note: other widths are available to specific order.

## ADDITIONAL INFORMATION

Parchem provides a wide range of complementary products which include:

- concrete repair – cementitious and epoxy
- grouts and anchors – cementitious and epoxy
- waterproofing membranes – liquid applied, cementitious and bituminous sheet membranes
- waterstops – pvc and swellable
- joint sealants – building, civil and chemical resistant
- industrial flooring systems – cementitious and epoxy
- architectural coatings
- filler boards – swellable cork, bituminous and backing rod
- ancillary products

For further information on any of the above, please consult with your local distributor or Parchem sales office.

## IMPORTANT NOTICE

A Material Safety Data Sheet (MSDS) and Technical Data Sheet (TDS) are available from the Parchem website or upon request from the nearest Parchem sales office. Read the MSDS 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 0800 764 766 within New Zealand) 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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<b>TECHNICAL DATA SHEET</b>	<b>MARCH 08</b>			
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