# Fosroc® Fibreboard

constructive solutions

## Impregnated fibreboard filler

### Uses

Fosroc Fibreboard is a compressible, non-extruding, bitumen impregnated, fibreboard expansion joint filler suitable for forming joints between in-situ and pre-cast concrete components.

Forming structural expansion and separation joints in:

- Concrete pavements and floors
- Roads, ramps and runways
- Pedestrian areas
- Concrete retaining walls
- Concrete basement structures and subways

### Advantages

- Easy to handle, cut and tamp
- Resilient
- Will not extrude under compression

## Description

Fosroc Fibreboard is a compressible joint filler manufactured from bitumen impregnated wood fibres. It is supplied in sheet form and is used to form and fill expansion joints in in-situ and pre-cast concrete construction.

## Standards compliance

DTp Specification for Highway Works, May 2005 series 1000 Clause 1015 (joint filler boards).

American Association of State Highway Officials, Standard Specification M 153-54.

US Federal Specification HH-F-341a: Type 1, Class B.

## Specification clauses

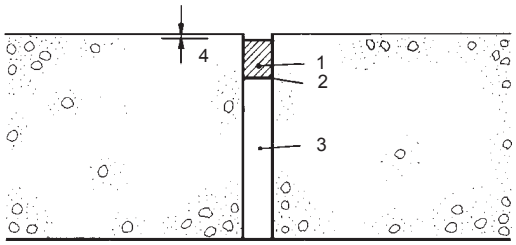
The expansion joint filler as detailed shall be genuine Fosroc Fibreboard supplied by Fosroc and installed strictly in accordance with the relevant Fosroc data sheet.

## Properties

| | |
|---|---|
| **Form:** | Compressible sheet |
| **Solids content:** | 100% |
| **Recovery:** | Greater than 70% |
| **Weathering test:** | No disintegration |

## Design criteria

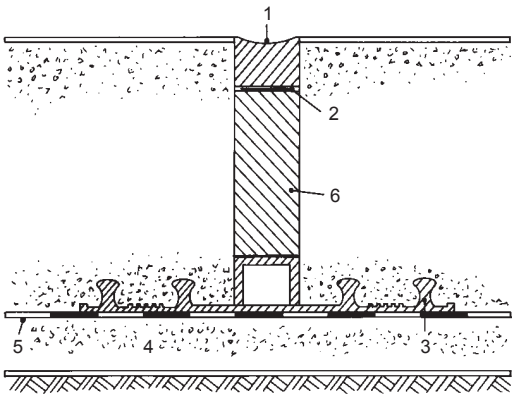
Typical sealed expansion joints in roads, runways and other trafficked surfaces




1 **Pliastic* or Colpor 200PF***
2 **Bond breaker tape**
3 **Fosroc Fibreboard**
4 **Recessed seal**

* Also available from Fosroc.

Example of a sealed subway expansion joint is shown below.




1 **Thioflex 600***
2 **Bond breaking tape**
3 **Supercast Rearguard 'S' waterstop***
4 **Blinding concrete**
5 **Proofex Engage***
6 **Fosroc Fibreboard**

* Also available from Fosroc.

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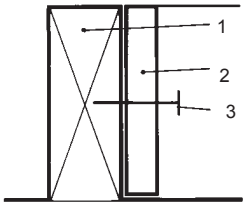
## Application instructions

### Slabs

Where used to form an expansion joint in in-situ concrete, Fosroc Fibreboard shall be placed against the shuttering on the concreting side before the pour begins. Copper nails may be used to prevent displacement in joints in suspended slabs.

Alternatively, Fosroc Fibreboard may be bonded to the existing slab or previous pour using a suitable adhesive such as Plastiseal. Care should be taken not to contaminate surfaces of the sealing slot with the adhesive.




1 **Shuttering**
2 **Fosroc Fibreboard**
3 **Copper nails**

### Joint sealing

A joint sealing slot can be formed by placing a removable timber former on top of the Fosroc Fibreboard. Alternatively, Fosroc Fibreboard can be installed to the full depth of the slab and cut back to the required depth subsequently using a power brush machine. This latter method is generally used for housing estate roads which cannot be cleaned and sealed until all building has finished. Fosroc Fibreboard should be tamped down to ensure that it fills the joint completely and provides continuous support for the joint sealant.

## Estimating

| | | | | |
|---|---|---|---|---|
| **Nominal sheet thicknesses:** | 10mm | 12.5 mm | 20 mm | 25mm |
| **Sheet sizes:** | 1200 x 2440 mm | | | |

| **Fibreboard Strips** | | |
|---|---|---|
| **12.5mm thick** | Pack of 10 | 100mm x 2.44m |
| | Pack of 10 | 150mm x 2.44m |
| **20mm thick** | Pack of 5 | 200mm x 2.44m |
| | Pack of 10 | 150mm x 2.44m |

## Storage

As with all organic materials there is a very slight risk of spontaneous combustion if stored long term in wet conditions. Store under cover, in the dry.

## Precautions

There are no known health hazards associated with Fosroc Fibreboard in normal use.





**Fosroc Limited**
Drayton Manor Business Park
Coleshill Road, Tamworth,
Staffordshire B78 3TL. UK

**www.fosroc.com**

**telephone:**
+44 (0) 1827 262222

**fax:**
+44 (0) 1827 262444

**email:**
enquiryuk@fosroc.com

Certificate number FM 610