

technical datasheet



Fibrefill

Description

Fibrefill is a compressible non-extruding bitumen impregnated fibreboard. It is designed primarily for use as an expansion joint filler for joints between concrete components. Other uses include the protection of Xeric and other similar waterproofing membranes, as a separation strip between partition walls and the building shell to accommodate movement, as an insulator between floor joists and wood floating floors, and as an insulator and acoustic barrier on top of floor slabs.

Advantages

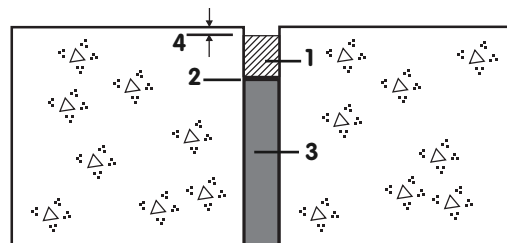
- ▶ Economic
- ▶ Resilient
- ▶ Compressible
- ▶ Low moisture absorption
- ▶ Easily worked - can be cut or sawn
- ▶ Chemically resistant, unaffected by normal ground conditions and fungal attack

Applications

- ▶ Roads and runways
- ▶ Industrial floors
- ▶ Concrete retaining walls
- ▶ Basement structures and subways

Installation

When used in sheet form as an expansion/movement joint, Fibrefill should be located in position and bonded to the substrate using adhesive. Spot bonded coverage is 10-12m² per litre; full coverage 5m² per litre per face. The sealant rebate should be formed by raking out the Fibrefill. The surface is then compacted, cleaned, allowed to dry and primed prior to applying the sealant.

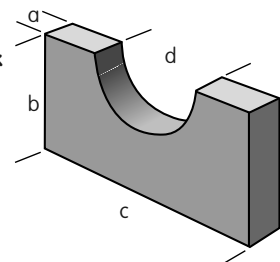


Typical sealed expansion joint in roads, runways and other surfaces subject to traffic

- 1 Sealant
- 2 Polyethylene bond breaker tape
- 3 Fibrefill
- 4 Recessed seal

Cut-out profiles for pipework and ducting

Pre-cut and supplied as shown to accommodate pipework. Customer to provide dimensions a, b, c and d.



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Technical Data

Form:	Compressible sheet
Solids content:	100%
Recovery:	Greater than 70%
Weathering test:	No disintegration
Density:	250 - 270 kg/m ³

DTP Specifications for Highway Works, Dec. 1991, Series 1000, Clause 1015 (pavement joints).

PSA standard specification clauses for airfield pavement works.

American Association of State Highway Officials, Standard Specification M153-54

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

Storage

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

Supply

Normal sheet thickness:

12mm, 19mm, 25mm

Sheet strips: 1220mm x 2440mm.

Cut sizes are also available.

Weight

12mm - 12.4kg,

19mm - 19.8kg,

25mm - 26.0kg

Health and Safety

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

Refer to the Material Safety Data Sheet.

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