

Expanfill Cork*

Bonded granular cork expansion joint fillers

Products describe in this data sheet

Self-expanding cork filler – Expanfill Cork (SE)
Resin-bonded cork filler – Expanfill Cork (RB)

Uses

Expanfill Cork Fillers are a range of bonded cork expansion joint fillers particularly recommended for use in immersed conditions; there are two types of filler in range:

Principal applications

As expansion joint filler for joint in:

- Water excluding structures
- Water retaining structures
- Bridges, Roads and traffic surfaces
- External cladding and walling

Standards compliance:

Expanfill Cork* SE complies with ASTM D1752 Type III

Expanfill Cork* RB complies with ASTM D 1752 Type II

Description

Expanfill Cork* SE: is Self-Expanding cork filler consists of cork granules bound together with an insoluble, synthetic resin, when contact with water or moisture it swell and tightly packed the joint even if increase in width, it is particularly recommended for use in water retaining structures, where it is essential that joints remain tightly packed.

Expanfill Cork* RB: Resin-Bonded cork filler consists of granulated cork bound together with a synthetic resin, it contains no bitumen or tar and cannot impair the adhesion of any joint sealing compound by contaminating the joint faces.

Both grades of products are supplied in pre-formed sheets and available in different thicknesses.

Technical support

Fospak provides a technical advisory service for on-site assistance and advice on selection of product.

Application

Self-Expanding cork filler is particularly recommended for filling expansion joints in irrigation canals, culverts, dams, reservoirs, sea walls, sewage work, swimming pools, water treatment and water storage structures.

Resin-Bounded cork filler is suitable for filling expansion in pedestrian and other areas not subject to heavy traffic loads, recommended for filling structural expansion and separation joints in bricks, blocks, in-situ concrete construction where load transfer across the joint can be tolerated.

Expanfill Cork* should be fixed, using any suitable contact adhesive to the face of the first placed concrete after which the second placed concrete is cast. A sealing slot can be formed by placing on top of the cork filler a strip of soft wood or other former which can be removed later, or a sealing slot can be formed by filling the entire depth of the joint with cork filler and subsequently cutting out to the designated depth.

Caution: Self-Expanding cork must be install just before concreting and do not left expose for longer period of time, and also after installation avoid spillage of water in installed area.

Properties

Form	: Compressible sheet
Solid content	: 100%
Recovery after	
Compression test	: 90 – 95%

Storage: Self-Expanding cork filler is supplied in sealed wrapping and must not be exposed to moisture unit it is installed.

Available sizes & Thicknesses

Sheet size	: 2 Ft. x 3 Ft.
Thicknesses	: 10, 15, 20 & 25 mm

Additional Information

Fospak manufactures a wide range of complementary products which include:

- waterproofing membranes & waterstop
- joint sealants & filler boards
- cementitious & epoxy grouts
- specialized flooring materials

Fospak additionally offers a comprehensive package of products specifically designed for the repair and refurbishment of damaged concrete. Systematic Approach to concrete repair features the following:

- hand-placed repair mortars
- spray grade repair mortars
- fluid micro-concretes
- chemically resistant epoxy mortars
- anti-carbonation/anti-chloride protective coatings
- chemical and abrasion resistant coatings

For further information on any of the above, please consult your local Fospak office - as below

* Denotes the trademark of Fospak (Pvt) Ltd.

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