

PENTENS RBCF

Resin Bonded Cork Filler Board

Product Data Sheet

Description

PENTENS RBCF consists of granulated cork bound together with a synthetic resin. It contains no bitumen or tar and will not impair the adhesion of any joint sealing compound by contaminating the joint faces.

PENTENS RBCF is a range of bonded cork expansion joint fillers particularly used in immersed conditions.

Uses

- Internal services
- External walling
- Water retaining structures
- Water excluding structures
- Roads, bridges and traffic surfaces
- External or internal cladding

Advantages

- Will not extrude under compression.
- Easy to handle, cut and paste.
- Resilient.
- Suitable to use in immersed conditions.
- Prevent concrete from cracking and bursting.

Applications

Internal Services:

PENTENS RBCF is recommended for filling expansion joints across ducts in concrete floors. PENTENS RBCF may be used as beam bearing pad as well.

External Wall and Cladding:

PENTENS RBCF is recommended for filling expansion joints and structural separation joints in brick, block and in-situ concrete construction where load transfer across the joint can be tolerated.

Water Retaining Structures:

PENTENS RBCF is suitable for filling expansion joints in irrigation canals, culverts, dams, reservoirs, sea walls, swimming pools and water treatment plants.

Water Excluding Structures:

PENTENS RBCF is recommended for filling expansion joints in basement, site slabs and subways.

Roads, Bridges and Traffic Surfaces:

PENTENS RBCF is suitable for filling expansion joints in pedestrian roads and other areas that are not subjected to heavy traffic loads.

Technical & Physical Data

Form	Compressible sheet	
Solid Content	100%	
Density	210kg/m ³	
Sheet Weight (approx)		
Thickness	12.0mm	2.18kg
	20.0mm	3.52kg
	25.0mm	4.44kg
Compression load required to compress sample to 50% of its original thickness	0.50N/mm ²	
Recovery after compression test	90%	
Expansion in boiling water	In excess of 160% of its original size	
Storage	In dry conditions	

Site Instructions

PENTENS RBCF is supplied in sheet form and may be sawn or drilled as required to fill the expansion joints. In concrete, PENTENS RBCF should be fixed using dabs of adhesive spread on the face of the first-placed concrete, then followed by second-placed concrete.

A sealing slot can be formed by placing a strip of soft wood or other forms on top of PENTENS RBCF that which can be removed later. The sealing slot can also be formed by filling the entire depth of the joints with PENTENS RBCF and subsequently cutting it out to the designated depth.

Packaging & Size

PENTENS RBCF is supplied in sheets of 610mm x 915mm in three standard thickness:

- 12 mm
- 20 mm
- 25 mm

Safety Precautions

PENTENS RBCF is not associated with health hazard in normal use. Wear suitable protective clothing, gloves and eye or face protection.

PENTENS



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