PENTENS BS FILLER BOARD

Product Data Sheet

Bitumen Impregnated Filler Board

Description

PENTENS BS FILLER BOARD offer an excellent compression resistance with perfect recovery characteristics.

PENTENS BS FILLER BOARD is a compressible, bitumen impregnated fiberboard, supplied in sheet form. It is used to form and fill expansion joints between in-situ and precast concrete for construction.

Uses

- Expansion joint filler for concrete slab and wall construction
- Concrete roads, ramps and runways
- External walls
- Water excluding structures
- Roads, bridges and traffic surfaces

Advantages

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

Application

Internal Services

PENTENS BS FILLER BOARD is recommended for filling expansion joints across ducts in concrete floors, including screed floors with under floor heating. PENTENS BS FILLER BOARD may be used as beam bearing pad.

External Wall and Cladding

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

PENTENS BS FILLER BOARD is also suitable for filling expansion joints in pedestrian lane and other areas that are not subject to heavy traffic loads.

Technical & Physical Data

Form		Compressible sheet
Solid Content		100%
Density		210 kg/m³
Sheet Weight (approx.)		
Thickness	12.5mm	2.18 kg
	20.0mm	3.52 kg
	25.0mm	4.44 kg
Compression Load Required to Compress Sample to 50% of Its Original Thickness (ASTM D545-14)		1115 kPa
Recovery after Compression Test (ASTM D545-14)		>83%
Storage		In dry conditions

Site Instructions

PENTENS BS FILLER BOARD is supplied in sheet form and may be sawn or drilled as required to fill the expansion joints. In concrete: PENTENS BS FILLER Board should be fixed, using dabs of adhesive spread on to 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 the PENTENS BS FILLER BOARD, which can be removed later. The sealing slot can be also formed by filling the entire depth of the joint with PENTENS BS FILLER BOARD and subsequently cutting it out to the designated depth.

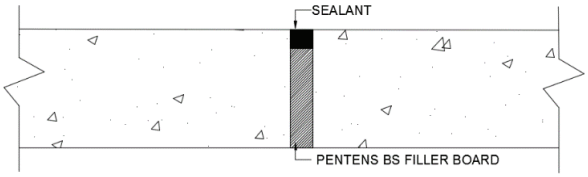
In brick and block work: PENTENS BS FILLER BOARD should be installed while laying the brick or block work and should be placed where sealant slot is formed. Ensure that the sealant slot formed is free from mortar droppings.

Disclaimer. All representations and recommendations set forth are given in good faith and to the best of our knowledge. However due to varying conditions and applications, the buyer shall conduct its own tests of this product before use. Under no circumstances will the manufacturer be liable for any loss or damages caused by incorrect usages. The sale of this product shall be on terms and conditions set forth on Pentens order acknowledgement.

Packaging & Size

PENTENS BS FILLER BOARD

12.5mm thick	1.22m x 2.14m / sheet
20.0mm thick	1.22m x 2.14m / sheet
25.0mm thick	1.22m x 2.14m / sheet



Safety Precautions

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

PENTENS

GLOBAL ISO 9001:2000 UKAS QUALITY MANAGEMENT 039
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