MEGASEAL FXB

Bitumen Impregnated Fiber Boards

Description:

MEGASEAL FXB board manufactured from water resistant, bitumen impregnated, wood fiber that serve as an excellent compressible joint filler. It is available in two different sizes 12 and 20 mm thick boards.

MEGASEAL FXB expansion joint filler boards displays excellent resistance to compression, with outstanding recovery characteristics. Environment friendly as opposed to the environment destroying thermocole/plastic expansion joint filler.

Applications:

- External wall cladding: Filling structural expansion & structural separation joints in block & cast in situ concrete construction.
- Traffic surfaces: Filling expansion joints in motorways, roads, runways, pedestrian areas, bridges, curbs etc.
- Internal surfaces: Filling expansion joints across concrete floors, including screed floors with underfloor heating.
- Roofs & floor finishes: Ideal for filling expansion joints in concrete floors.
- Building superstructures: Filling expansion joints in basements, retaining walls, site slabs, subways & other water excluding structures.
- Reinforced concrete structures: Expansion joint fillers in piers and lateral supports like abutments.
- Expansion strips: Against existing or between adjacent constructions and insets in concrete paving like drains, manholes, etc.

Advantages:

- Good Compression factor up to 50%.
- Withstands weathering conditions.
- Good recovery after compression.
- Unaffected by temperature changes.
- Low moisture absorption.
- Easy to handle, cut and tamp.

Instructions for Use:

Surface Preparation:
All side surfaces of the joints must be dry, smooth, clean, free from dust, laitance or loose material. It is highly recommended to use compressed air or a wire brush in order to remove the dirt, oil stains and other foreign material. Ensure that the concrete is absolutely damp free.

Application:
To form expansion joint in cast in situ concrete fix the board against the shuttering on the concreting side just before the pour begins. MEGASEAL FXB can be cut consequently according to the required depth of the slab by the use of a power brush machine. In order to fill the joint completely, thus providing a superior continuous support for the joint sealant, tamp down thoroughly the product into the required area making sure to seal the gap entirely.

MEGASEAL FXB is brought flush with the concrete slab and extends full depth of the slab, placed approximately ¾ of an inch below the surface of the concrete slab. A suitable sealant is applied either at the top or bottom of the slab to close the joint against hydrostatic pressure. MEGASEAL FXB is fabricated to receive dowel bars and the entire joint assembly is placed in position before pouring concrete. Use dowel bars to preserve alignment of adjacent sections of concrete slab.

A suitable sealant is used flush with MEGASEAL FXB expansion joint filler board in between columns and beams of building.

Standards:

MEGASEAL FXB conforms to:
- ASTM D1751
- BS 1142: 1989

Packaging:

MEGASEAL FXB available 1.2 x 2.4 meter sheets.
Available thickness: 12mm, 20 mm.

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TECHNICAL PROPERTIES		
Appearance	:	Fiber Board Sheets
Compression	:	50% thickness in the initial state: Recovery is 80/84%
Recovery	:	70/76% without disintegration
Solid Contents	:	100%
Chemical and oil resistance	:	No Change
Extrusion	:	< 1.2 mm
Distortion	:	< 0.7mm
Brittleness	:	Does not crack or shatter

Storage Conditions:

Store away from direct sunlight in dry conditions.

Shelf Life:

MEGASEAL FXB can be utilized within 18 months of production date if stored in proper conditions in unopened original packing.

Health and Safety:

- Use goggles and gloves during application.
- Avoid contact with eyes or skin.

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