

Fiberboard

Bitumen impregnated fibreboard



DESCRIPTION

Fiberboard is a compressible sheet manufactured from bitumen impregnated wood fibres. It is a non-extruding, compressible joint filler to form and fill expansion and isolation joints for in-situ and pre-cast concrete construction. Fiberboard can also be used as a protection board to protect waterproofing systems against mechanical damage.

APPLICATIONS

Fiberboard can be used as:

- » Expansion joints filler in concrete pavements, walls and suspended slabs.
- » As a filler for joints in roads, runways and bridges.
- » Protection board for waterproof, coatings, and membranes.
- » For structural isolation joints.

ADVANTAGES

- » Excellent recovery.
- » Low distortion.
- » Easy to cut and handle.
- » Will not extrude under compression.
- » Rot-Proof.
- » Available in 10, 20 and 35% asphalt content.

STANDARDS

Fiberboard complies with DTp Specification for Highway Works, Dec 1991 series 1000 clause 1015.

METHOD OF USE

As joints filler:

Fiberboard shall be placed against the shuttering on the concreting side before the pour begins. Nails or suitable adhesive may be used to prevent displacement in joints in suspended slabs.

As protection board:

Fiberboard should be fixed to the waterproofing coating or membrane using a suitable adhesive.

TECHNICAL PROPERTIES:

| | |
|---|----------------------------|
| Density: | 215 ± 10 kg/m ³ |
| ASTM D 1751-18 | |
| Water absorption: | 12 ± 2% |
| ASTM D 1751-18 | |
| Compressive strength: | 940 ± 10 kPa |
| ASTM D 1751-18 | |
| Loss in weight after application of stress: | 0.15 - 0.25% |
| ASTM D 1751-18 | |
| Recovery: | 85 ± 1% |
| ASTM D1751 | |
| Extrusion: | ≤ 2.6 mm |
| ASTM D1751 | |
| Asphalt content: | 10% |
| ASTM D1751 | |

**The above tests were carried out on 25 mm thick samples.*

PACKAGING

Sheet size: 1.22 m × 2.20 m.

Thickness: 10, 12, 18, 20, 25 mm.

** Variation of ± 5% may occur in the above numbers.*

STORAGE

Store under cover, in a dry area on a flat, clean and sound surface.

CAUTIONS

HEALTH AND SAFETY

There are no health hazards associated with Fiberboard in normal use.

For further information refer to the Material Safety Data Sheet.

FIRE

Fiberboard is flammable and will burn if exposed to flame or other sources of ignition.

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