

SEJ Board

Bitumen Saturated Fibre Joint Filler Board



STP Limited

Description

ShaliTex Expansion Joint Board (SEJ Board) is cane fibre soft board impregnated with Special Grade of Bitumen. The impregnated soft board is made from natural wood fibres chips and proprietary materials, mechanically reduced to fibres which are then pressed to form a continuous sheet. Bitumen is incorporated into the board during manufacture to improve its moisture resistance and durability. The boards are environment friendly as opposed to the polymeric boards.

Approvals / Standards

IS: 1838 (Part 1) - 1983

Product Information

Form, Colour	Black, solid board
Handling & Storage	Store the boards in a cool, dry and shaded area. The boards should be stacked on a pallet which should be placed on a flat area. Keep away from sharp edges and protect the edges from getting damaged. During installation carry single boards vertically.
Packaging	Available in 12, 18, 20, 25, 50 mm thickness and standard size of 4 x 4 ft and 4 x 2 ft (Tolerance: $\pm 1\%$).
Shelf Life	The product does not expire if properly stored.
Handling Precautions	Care should be taken during use and storage to avoid contact with eyes mouth, skin and foodstuffs. Treat splashes to eyes and skin immediately. If accidentally ingested, seek immediate medical attention. Keep away from children and animals.

Technical Characteristics at 25°C, 50% RH

Density kg / m ³ ,	580 - 630	Resistance to handling	No deformation and distortion observed
Penetration of recovered bitumen 0.1 mm	48 - 55	Water Absorption, %	18.6 - 20
Bitumen Content, % by mass	35 - 38	Recovery after weathering, %	91 - 95
Compression after weathering, kgf / cm ²	12.5 - 25	Extrusion after weathering, mm	2.5 - 6.5
		Loss in Bitumen after compression, %	1.4 - 3
		Weathering	No sign of disintegration or separation after the test

Field of Application

- Filling structural expansion & structural separation joints in block & in situ concrete construction including screed floors, motorways, roads, runways, pedestrian areas, bridges, curbs, basements, retaining walls, site slabs, subways & other structures, etc.
- Filling all types of expansion joints in piers and lateral supports like abutments.
- Various other flat works and concrete floors.

Advantages

- Processed from cane fiber and bitumen. The combination of these raw materials are tested and proven to provide the best resilience to weathering cycle in concrete.
- Permit free movement of the concrete slabs during expansion and contraction.
- Easy to cut, dimensionally stable, not sticky in summer or brittle in winter.
- Low moisture absorption due to Bitumen impregnation.
- Durable and easy to handle

