

# 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

Confirms to IS: 1838 (Part 1) - 1983

## Product Information

<b>Form, Colour</b>	Black, solid board
<b>Handling &amp; Storage</b>	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.
<b>Packaging</b>	Available in 12, 18, 20, 25 mm thickness and standard size of 1.22 m x 1.22 m (Tolerance: On Length: $\pm 5$ mm, On Width: $\pm 3$ mm, On Thickness: $\pm 1.5$ mm)
<b>Shelf Life</b>	The product does not expire if properly stored.
<b>Handling Precautions</b>	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 <sup>3</sup> ,	Min. 300	Resistance to handling	No deformation and distortion observed
Penetration of recovered bitumen 0.1 mm	25 – 100	Water Absorption, %	Max 20%
Bitumen Content, % by mass	Min 35%	Recovery after weathering, %	Min 70%
Compression Load, kgf / cm <sup>2</sup>	7 – 53	Extrusion after weathering, mm	Max 6.5 mm
		Loss in Bitumen after compression, %	Max 3
		Weathering	No sign of disintegration, delamination 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

## Application Methodology

- Remove dust, flakes or foreign particles by jet or dry air and clean the surface.
- Cut **SEJ Board** of appropriate width from the desired thickness and place the same in the groove in a way to flush with the external surface.
- **SEJ Board** is installed against existing concrete at columns and against adjacent structures or flat work before the placement of the subsequent concrete.
- For floors, paving and runways it is installed 10 - 12.7 mm below the elevation of the concrete surface when the joints are to be filled later to the surface elevation with a proper sealant which will provide for maximum protection from water infiltration and weathering, in addition to keeping the joint free from incompressible. Our recommended sealant is **ShaliSeal PS PG / ShaliSeal PS GG / ShaliSeal PU GG**.

## Value base of product data

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control and different test methods.

## Health and Safety information

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent **Material Safety Data Sheet**.

- Avoid contact with skin / eyes and avoid swallowing.
- Ensure adequate ventilation and avoid inhalation of vapour.
- Wear suitable protective clothing, gloves and eye protection.
- In case of skin contact, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of eye contact, wash with plenty of clean water and seek medical advice.
- If swallowed, seek medical attention immediately. Do not induce vomiting.



**STP Limited**  
*Enhancing Structures' Life*

### Product Range

- Waterproofing and Insulation ■ Road Surfacing
- Sealants and Additives ■ Pipeline Coating
- Protective / Anti-Corrosive Coating ■ Epoxy Flooring
- Grouts / Admixtures ■ RestoFix- Repair / Rehabilitation
- Other Construction Chemicals



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