

# SANDHYA ENTERPRISES

*AN ISO 9001:2015 Certified Company*

*# 5-24-1223/5/1, Ambedkar Nagar Gajularamaram, Gajularamaram, Near of UMCC Hoptial ,  
Qutuulapur Mandal R.R. Dist Hyderabad -500055 Telangana State India.*

*Contact No:9652998932, 95501921831,*

*Email: [sandhyapprises@gmail.com](mailto:sandhyapprises@gmail.com), [sandhyarubber@gmail.com](mailto:sandhyarubber@gmail.com),*

*Wessite:www.sandhyafex.com, www.sandhyaenterprises.co.in*

---

## **MASTIC PAD**

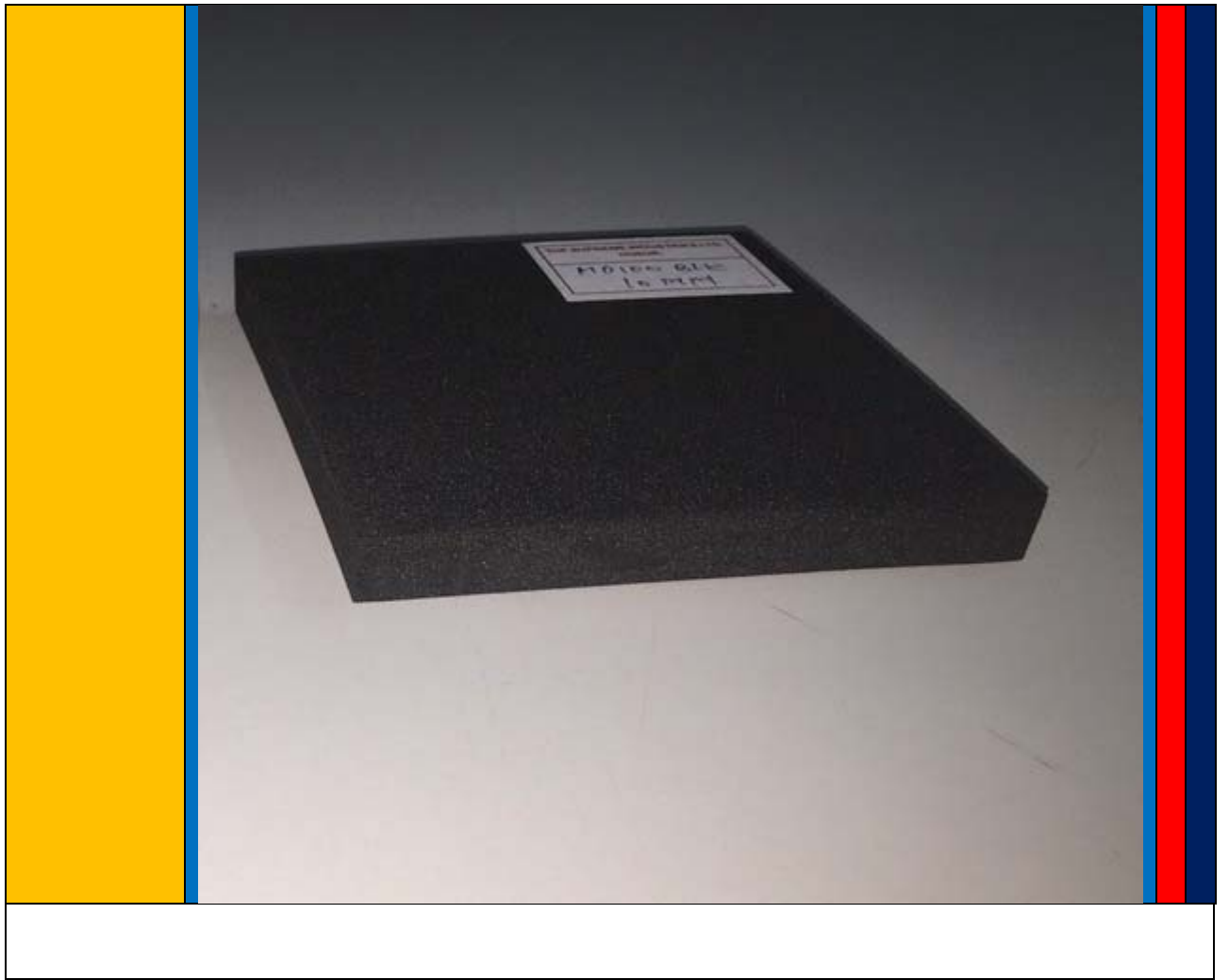
**Make: "JOLLY BOARD", " ShaliTex"**

**"DURABOARD"**











# ShaliTex Expansion Joint Filler Board

High Resilient Non Bituminous Joint Filler Board

## Description

**ShaliTex Expansion Joint Filler Board** is a pre-moulded, high performance joint filler board. It is a closed cell and of cross linked structure. It has an excellent recovery of 95% (after compression upto 50%), which makes it the most suitable product for this application. It is an exclusive product specially designed to be used as expansion joint filler in concrete, brick, block work and isolation joints. It is rot free and contains no bitumen.

## Characteristics

Density, kg/m <sup>3</sup>	100.00	Service Temperature, °C	-40 to 70
Recovery after compression (upto 50%), %	95	Chemical Resistance	Very Good
		Water Absorption, %	1 – 1.5

## Application

- Filling structural expansion and structural separation joints in block and in situ concrete construction including screed floors, motorways, roads, runways, pedestrian areas, bridges, curbs, basements, retaining walls, vertical structures, subways and other structures.
- Filling all types of expansion joints in piers and lateral supports like abutments
- Roads, Airport Runways, Taxi tracks and various other joints of concrete floors

## Advantages

- Closed cell structure resulting negligible water/moisture absorption
- Excellent recovery after compression
- High resistance to chemical like most acids, alkalis oil and hydrocarbon
- Bitumen free hence non staining and free from bleeding
- Easy to cut, hand and install
- Rot proof hence does not age and disintegrate over prolonged use
- Use of ShaliBar/Backer rod is optional

## Application Methodology

- Remove dust, flakes or foreign particles by jet of dry air to clean the surface.
- Cut **ShaliTex Expansion Joint Filler Board** of appropriate width from the desired sizes and place the same in the groove in a way to flush with the external surface except for space required for ShaliBar and sealants
- In case of a new casting **ShaliTex Expansion Joint Filler Board** of appropriate width is fixed with copper screws before pouring concrete. The width is designed to flush with the external surface except for space required for ShaliBar and Sealants
- In highway construction, **ShaliTex Expansion Joint Filler Board** is placed appropriately 20mm below surface of finish level of pavement and filled with ShaliTex Sealing Compound / ShaliJet Sealing Compound / ShaliSeal PS / ShaliSeal PU

## Health & Safety

- Totally Non hazardous
- However, it is preferred to use hand gloves while handling.
- Wash hands with water after handling

## Packaging

Available normally in 12, 20 and 25mm thickness. Higher thicknesses are available on request. Size of board is 2m x 1m and packed in polypropylene bag.

## Storage

Store under shed and away from fire and heat.



## Bitumen Impregnated Softboard

---

- Application

Jolly Bitulex Softboard is processed from cane fibre, the raw material tested and proven to provide the best resilience. Impregnated with Bitumen in various percentages, it is a perfect base material for expansion joint fillers.

The board's compression and recovery characteristics confirm to the U.K., U.S.A. and Indian Standards much above the required averages.

### *Jolly Board Expansion Joint Filler :*

Jolly Board Expansion Joint Filler is manufactured from water resistant, bitumen impregnated, cane fibre. It is available in a wide range of sizes, both as boards & strips in thicknesses of 10 MM, 12 MM, 18 MM, 19 MM, 25 MM.

Jolly Expansion Joint Filler displays excellent resistance to compression, with outstanding recovery characteristics. The fillers are 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 & insitu 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.

Industrial Flooring

Internal finishes: Various other flat works and concrete floors according to the state of the art and local regulations.

### *Physical Properties:*

Jolly Bitulex Expansion Joint Fillers conform to the following required standards

ASTM	-D.	1751-83/D.545	-	84	Testing
'concrete	paving	and	structural		construction'
'pre-formed	expansion	Joint	Fillers	for	concrete'
Department of Transport	- London	1986: 'specification	to highway works,	part 3,	clause 1015'
B.S. 1142	for Standard	Specifications	for Expansion	Joint	Fillers.
IS 1838(Part-I)	1983 Standard	Test of Expansion	Joint	Fillers.	

**Strong points and performance characteristics:**

Compression to 50% thickness in the initial stage: - Recovery is 80/84%

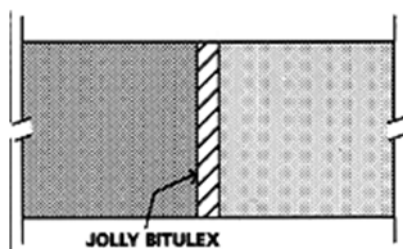
Weathering and compression to 50% thickness: – Recovery is 70/76%. Jolly Bitulex returns to more than 70% of its original thickness after three applications of pressure sufficient to reduce its thickness by 50%

Extrusion: No effect (0.75 mm)

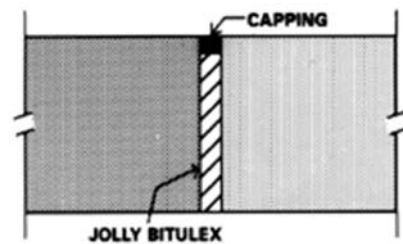
Unaffected by temperature changes

Low moisture absorption due to bitumen impregnation. Standard Bitumen content 10-20-35%. Other possibilities upon request.

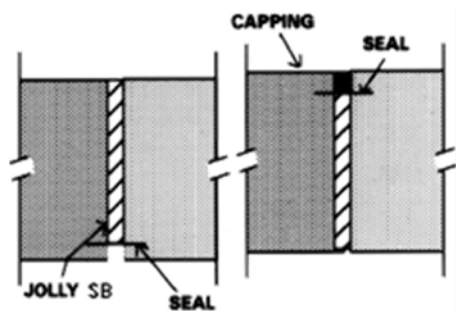
**Suggested application details for typical joints**



Ordinary type. Joint Filler is brought flush with the surface and extends full depth of slab. This is the most common type of application.

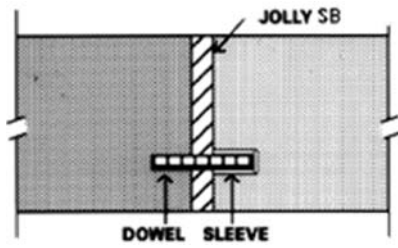


Joint using surface capping. Jolly Bitulex Concrete Joint Filler is placed approximately 3/4 of an inch below the surface of the slab. Suitable capping placed flush with concrete surface. Used extensively in highway construction.



Dowel bar used to preserve alignment of adjacent sections of concrete slab. The joint filler is fabricated to receive dowel bars and the entire joint assembly is placed in position before pouring concrete.





against hydrostatic pressur

Joint employing continuous seal either at top or bottom of slab to close joint

**CONSTRUCTION ACCESSORIES DIVISION  
PRODUCTS**

***DURA BOARDHD100***

***DURA BOARDHD100***



Formerly: SIL flex / CAPCELL HD100

The most compressible filler board for expansion joints

**DURAboardHD100'** is a high performance **cross-linked,**

**pre-moulded, compressible joint filler board.** It is **readily compressible filler board** that ensures **low load transfer.** **'DURAboardHD100'** (expansion joint filler board) is a **non-bituminous** superior alternative to bitumen boards

**Features :**

- Closed cell hence negligible water / water vapour absorption
- Resilient - recovers more than 96%
- Excellent chemical resistance
- Thermally stable(from - 40 °C to + 70 °C)
- Bitumen free
- Easy to use

- Rot proof and bacteria resistant

#### Applications :

- Structural expansion joint filler for concrete brick and block work in concrete highways, airport runways parking areas, industrial flooring & taxi tracks etc.
- Isolation to infill panels
- Bridge decks, abutments, pier hinge joints etc.
- As a backup support for sealant
- Expansion joints in concrete highways, airport runways, taxi tracks etc.
- Expansion joints in parking areas, industrial flooring etc.
- Water retaining and water excluding structures