

# TIKI EXJO FILLER



Since 1964

## Bitumen Impregnated Fibre Joint Filler Board

No. 11-1626

### DESCRIPTION

**TIKI EXJO FILLER** is a pre-moulded fibre board impregnated with bituminous materials to render it durable and rot proof. It is easily compressible and recovers nearly to its original thickness after compression is released. The **TIKI EXJO FILLER** are compressible resilient non-extrudible joint filler board conforming as per IS:1838 (PART 1-1983)

### USES

- Filling structural expansion & structural separation joints in concrete traffic surfaces like Runways, Highways, Driveways, Aprons, Streets and other areas.
- Filling all types of expansion joints in concrete structures like Retaining walls, Abutments etc.
- Various other flat works and concrete floors.

### ADVANTAGES

**TIKI EXJO FILLER** offers the following advantages:

- It prevents cracking of concrete slabs during expansion.
- Projects the subgrade by providing a water-tight seal thereby preventing infiltration of the surface water.
- Resists entry of foreign matter and maintain free movement of the slabs thus preventing damage to the slabs.
- 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.

### PROPERTIES

Property	TIKI EXJO FILLER
Colour, Form	Black, Solid Board
Density	Min 300 kg/m <sup>3</sup>
Penetration of recovered bitumen 0.1mm	25-100
Bitumen Content	Min 35%
Compression Load	7-53 kgf/cm <sup>2</sup>
Water Absorption	Max 20%
Recovery after weathering	Min 70%
Extrusion after weathering	Max 6.5mm
Loss in Bitumen after compression	Max 3%
Resistance to handling	No deformation and distortion observed
Weathering	No sign of disintegration, delamination or separation after the test.

### APPLICATION INSTRUCTIONS

#### SURFACE PREPARATION

Clean the surface thoroughly by removing dust, loose particles, flakes, or any foreign matter using compressed air or a jet of dry air.

### APPLICATION

Cut **TIKI EXJO FILLER** to the appropriate width and required thickness. Insert it into the expansion joint groove in such a way that it is flush with the external surface.

**TIKI EXJO FILLER** should be installed against existing concrete at columns, adjacent structures, or flatwork prior to the placement of the subsequent concrete.

In floor, pavement, or runway applications where joints will be filled later, **TIKI EXJO FILLER** must be installed approximately 10 – 12.7 mm below the final concrete surface elevation. This space allows for the application of a suitable sealant that will offer long-term protection against water ingress, weathering, and the intrusion of incompressible materials.

For joint sealing, we recommend using **TIKI JOINTSEAL A & B** based on project requirements.

### CLEAN-UP

Use suitable solvent for cleaning equipment and tools used for applying **TIKI EXJO FILLER**. Once dried, it is difficult to remove the material.

### SUPPLY

**TIKI EXJO FILLER** is supplied in standard size sheet of 1.22m x 1.22m and various thickness 12mm, 18mm and 25mm.

### STORAGE

**TIKI EXJO FILLER** must be stored under the covered shed in dry condition and protected from extremes of temperature. The boards should be stacked flat on pallets placed over an even, stable surface.

Take special care to protect the board edges from chipping or deformation. During installation, always carry individual boards in vertical position to avoid bending or cracking.

### SHELF LIFE

Shelf life is 12 months when stored as above. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging

### SAFETY PRECAUTIONS

As with all products, care should be taken during use and storage of **TIKI EXJO FILLER** to avoid contact with eyes, mouth, skin and foodstuffs until the product is fully cured or dried.

Treat splashes on eyes and skin immediately. If accidentally ingested, seek immediate medical attention. Keep away from children and animals. Reseal containers after use. Do not reuse containers for storage of consumables.

**Disclaimer:** **TIKI TAR INDUSTRIES** Warrants that each of its products will be manufactured in accordance with the specifications in effect on the date of manufacture. While **TIKI TAR** endeavors to ensure that information given herein is correct to the best of our knowledge, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation of information given by it.

We recommend that adequate tests be performed by you to determine if this product meet all of your requirements.

**Note:** Properties subject to change as per specific requirement.

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