

MAKFILL BOARD™

Bituminous Expansion Joint
Filler Board As Per IS:1838



Product Description

In the construction of road, runways and buildings, involving the casting of concrete in slab form, provision must be provided to accommodate the expansion and contraction that occur with seasonal variations in temperatures. It is of utmost importance to use correct joint filling and sealing compounds to preserve the life and evenness of the surface.

Normal practice in runways and road construction is to provide both longitudinal and transverse expansion joints of 12mm, 18mm or 25mm width between butting slabs of reinforced concrete at design intervals, and at intersections with other constructions e.g. bridges, level crossings, etc.

Packing Size

- ◆ MAKFILL BOARDS are available in thickness of 12mm 18mm and 25mm approximately.
- ◆ The size of the boards are 1.22m x 1.22m
- ◆ The top (12mm, 18mm or 25mm) lengths are topped with MAK SEALING COMPOUND which comes in 20kg packing

Uses

- ◆ Prevents cracking of concrete slabs during expansion.
- ◆ Protects the substrate by providing a water tight seal thereby preventing percolation of surface water.
- ◆ Resists entry of foreign matter and maintains free movement of slabs thus preventing damage to the slabs.

It was formerly the practice to fill expansion joints with bitumen or bitumen-filler mixes. Such materials extrude from the joints on the expansion of the concrete slabs and get removed by the wheels of the vehicles, leaving an open space in the joint after contraction takes place. This problem is solved using MAKFILL BOARDS.

MAKFILL BOARDS consist of a fibre board impregnated with bituminous materials to render it durable and waterproof. It is easily compressible and possesses a high degree of recovery after compression is released thereby ensuring that no free space develops in the expansion joint.

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