

Expansion Joint Filler Boards - KAMPUN HD100



High Resilient Non Bituminous Joint Filler Board Product Catalog

1. Product Description

Kampun HD100 is a Cross linked Closed cell Polymer and widely known as compressible Expansion Joint Filler Board. It is flexible as well as has high compression-recovery, therefore suitable for application at places which require readily compressible low load. This filler board is non-tainting and therefore suitable for use in potable water retaining and water excluding structures. It contains no bitumen.

2. Applications

- Airport aprons, runways and taxi tracks - Concrete, parking lot for buildings - Concrete flooring in buildings
- Water retaining / water excluding structures, water submerged structures
- Interconnecting walkways between buildings
- Basements, flyovers, subways and concrete roads - Bridges, decks, abutments and pier hinge joints



3. Compliance

Our Kampun HD100 – expansion joint filler board has proven performance and complies with DOT Specifications Part-III, highway Clause 1015 (American) which is evident from the following comparative chart of parameters.

<u>Sr.No.</u>	<u>Parameters</u>	<u>Passing Value as per clause 1015</u>	<u>KAMPUN HD100</u>
1	Compression recovery	Minimum 70%	95%
2	Weathering test	No sign of disintegration or shrinkage	No sign of disintegration
3	Compression extrusion	Free edge does not exceed 6mm	3.5mm

4. Features and Advantages of expansion joint filler boards

1	Resilience -	95% recovery after deflection (compression).
2	Weathering Test -	Resilient and does not distort under low load transfer from wet concrete.
3	Closed cell structure -	Extremely low water absorption thus non deteriorating and durable.
4	Bitumen free -	Non-Staining
5	Chemically Resistant -	Inert to most dilute acids, resistant to oil and hydrocarbons.
7	Simplicity -	Easy to handle and install it.
6	Hygienic -	Rot proof and bacteria resistant.

5. Technical Data

Sr. No.	Characteristic	Requirements*	Method of Test(Ref. to IS)	For more details, please consult us.
1	Resistance to Handling	No effect on ordinary handling	--	*Conditions apply. For detailed testing criteria and product standard BIS has to be consulted.
2	Recovery	90%, Min.	10566	
3	Extrusion	Amount of extrusion of the free edge shall not exceed 6mm	10566	
4	Water absorption	1%, Max	10566	
5	Density	100+/- 10Kg/M3, Min.	10566	

6. Standard Sizes / Colours

Our Expansion Joint Filler Boards are available in standard thickness range from 5mm to 100mm.

The sheet sizes are available as per following:

1200mm x 1800mm, 1500mm x 1600mm, 1000mm x 2000mm

Customized thicknesses as well as sheet sizes are also available on special considerations.

Normally our HD100 compressible filler boards are supplied in standard black colour, though sometimes supplied in different colour for specific requirements.

7. Laying and Installation Procedure

For installation guidelines, please visit website at : <http://hd100.in/kampun-hd100-joint-filler-laying-installation/>

8. Health & Safety

- Completely non hazardous. Though, it is advisable to use hand gloves while handling.
- Wash hands
- Smelling sometimes but it is negligible.



Expansion joint filler boards usage in highways, large buildings, airport runways

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This Technical Data Sheet (TDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this TDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Kampun Polymers does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.

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