



KAMPUN POLYMERS

"Your business partner to achieve excellence...!!"

KAMPUN HD100 BOARD

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.

2. APPLICATION

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



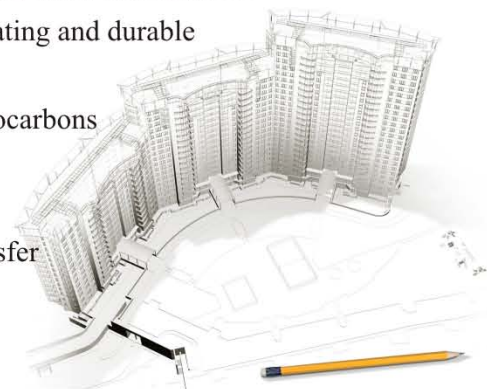
3. COMPLIANCE

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

Sr. No.	Parameters	Passing Values as per clause 1015	Obtained Values of HD100
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

- 1 Flexible : 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
- 6 Hygienic : Rot proof and bacteria resistant
- 7 Simplicity : Easy to handle and install it
- 8 Temperature : Accepts temperature cycle with minimal load transfer



5. TECHNICAL DATA

Sr. No.	Parameters	Units Test	Observation Test	Protocol
1	Density	Kg/m ³	109	ASTM D -3575-2000
2	Water Absorption	Kg/m ²	0.03	ASTM D -5249-1992
3	Compression recovery (After 50% deflection)	%	95	ASTM D -5249-1992
4	Compression extrusion (After 50% reduction in thickness)	mm	3.5	ASTM D -5249-1992
5	Weathering test	NA	No Effect (No evidence of disintegration & colour change observed)	ASTM G -155

6. STANDARD SIZES

Kampun HD100 is supplied in sheet form in standard thickness from 5mm to 100mm, in sheet sizes of

1. 1mtr x 2mtr
2. 1200mm x 1800mm
3. 1200mm x 3600mm .

Other thicknesses and sizes are available on special order.

7. LAYING PROCEDURES

For information on laying procedures, please visit our website

www.hd100.in



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For more information and for any query please consult us.

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. T & C apply. © Kampun Polymers.