



SUPER BOARD HD [PC-1112]
Premoulded Compressible Expansion Joint Filler board

PRODUCT DESCRIPTION :-

Supreme Super Board HD is a Premoulded Compressible Filler board, high performance closed cell joint filler material available in board form, It is suitable for use as expansion joint filler in concrete, brick, block work and isolation joints, where readily compressible low load transfer joint filler is required.

APPLICATIONS :-

- Structural expansion joints in concrete brick and block work.
- Bridge decks, pier hinge joints, etc.
- As a backup support for sealant.
- Expansion joints in concrete roads, highway roads, airports runways & taxi tracks etc.,
- Expansion joints in paring areas, industrial flooring etc.
- Water retaining & water excluding structures.

FEATURES & ADVANTAGES :-

- Easy to Handle & Install.
- Rot proof & Bacterial resistant.
- Excellent recovery after compression.
- Accepts temperature cycle with minimal load transfer.
- Bitumen free.
- Non-absorbent closed cell & Non-staining.
- Resilient & does not distort under normal load from wet concrete.
- Chemical resistance Inert to most dilute acids and alkalies, resistant to oil and hydrocarbons.

LAYING PROCEDURE / FABRICATION GUIDE :-

- In an expansion / movement joint Super Board HD in insitu concrete, joint sealing using either a double sided adhesive foam tape or synthetic rubber based adhesive.
- When forming expansion joints with Super Board HD in insitu concrete, joint sealing slots can be readily formed in the following manner.
- Before installing, simply cut off a strip of the required depth. Pin the strip back on, using two-inch nails at intervals. Then install the filler flush with the finished surface.
- Prior to sealing, the top strip can then be pulled easily from the joint to provide an uncontaminated sealing slot ready for preparation and sealing.

DESCRIPTION TENDER SPECIFICATION :-

Providing & fixing desired thickness of Super Board HD Premoulded compressible Filler board in Black Colour, manufactured by Supreme bituchem, conforming to specifications (Tested as per ASTM D-3575).Having minimum density 100 Kg / Cu.Mt. Non staining with less than .03% water Absorption & compression recovery of 93% minimum as per specifications.

Comparison of Super Board HD with Bitumen Board:-

PROPERTIES	SUPER BOARD HD	BITUMEN BOARD
Water Absorption	0.03%	More than 10%
Recovery	96% avg	Low
Bitumen Content	Nil	35 - 40 %
Oozing of Bitumen	Nil	Very high, Stains the structure
Cutting & Placing	Easy	Difficult
Life	Long life being a polymer	Disintegrates with contact of water

Technical Data (Super Board HD)

PARAMETERS	UNITS	OBSERVED VALUES	TESTED AS PER STANDARD
Density	Kg/.Mtr. Cu	95±5	ASTM-D-3575
Water Absorption Surface Area	Kg/Sq.Mtr of cut	0.3	ASTM-D-5249
Compression Deflection & Recovery,% without Weathering	%	98	ASTM-D-5249
Compression Deflection & Recovery, % with Weathring	%	92% Min	Highway clause No-1015
Extrusion	MM	3.0	ASTM-D-5249
Alkali Resistance		No Effect Observes	AS-1350-460 2-1982
Weathering Test		No Disintegration	Highway Clause No. - 1015

Our products are well tested and supported with test report of Government Recognized Laboratories. You are requested to send your valuable enquiries to our below addresses.



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