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CRETOSEAL EPDM

[Epdm Waterproofing Membrane]

Description

CRETOSEAL EPDM waterproofing membrane is manufactured using Ethylene Propylene Diene Monomer rubber. EPDM is a 100% cured single-ply roofing membrane, meaning it is extremely waterproof and very durable to the elements.

Application of EPDM Waterproofing System

- The best option for flat roofs, buildings, and facades.
- Used for waterproofing of foundation basements.
- Used as a pond liner used in reservoirs, artificial lakes, fish hatcheries, industrial ponds, waste containment pit, etc.
- Applied for expansion joints, and wet areas.

The application procedures of the CRETOSEAL EPDM waterproofing membranes, depends on the application areas and the site conditions.

Advantages of EPDM Waterproofing

It offers outstanding weathering properties, including excellent ozone and sunlight resistance. EPDM also delivers excellent tear, abrasion and steam resistance, functioning in up to 392 degrees F (200 C) without air, and chemical resistant, including to polar fluids as well as good resistance to compression set, dilute acids, ketones and alkalis.

Thickness & Sizes

It is available in thicknesses of 1.0 mm, 1.2 mm and width from 1.0 mtr. to 1.5 mtr(Tailor made width is available as per requirement of site)

Storage & Handling

CRETOSEAL EPDM waterproofing membranes should be stored in a clean area. Proper care should be taken that the membrane is not damaged/punctured during storage, handling and transportation.

Precautions

EPDM should only be installed in dry weather conditions. Do not install membrane if it is raining or if temperatures are below five degrees. Temperature is important, particularly if installing EPDM using water-based adhesives on a timber deck.

CRETESTONE PRIVATE LIMITED



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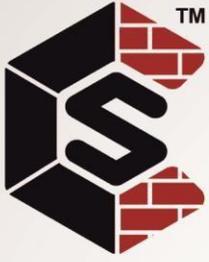


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Technical & Physical Specifications of CRETOSEAL EPDM Membrane

Physical Property	Test Method	ASTM Standard (Type I)
Colour	-	-
Tensile Strength (MPa)	ASTM D-412	9-Min
Elongation Ultimate (%)	ASTM D-412	300-Min
Angular Tear (kN/m)	ASTM D-624	26.27 Min
Temperature Resistance	-	-
Tensile Set (%)	ASTM D-412	10 Max
Brittleness Point Max °F (°C)	ASTM D-2137	-49 (-45)
Ozone Resistance/166 hrs/ 50 PPHM/40°C 50% Extension	ASTM D-1149	No Cracks
Heat Aging (670h @ 116°C)	ASTM D-573	
➤ Tensile Strength (MPa) ➤ Elongation Ultimate (%) ➤ Angular Tear (kN/m)	ASTMD-412 ASTMD-412 ASTM D-624	8.30 Min 200 Min 21.9-Min
Linear Dimensional Change (%)	ASTM D-1204	±1
Water Absorption at 70° for 166 hours (%)	ASTM D-471	+8,-2
Factory Seam Strength (kN/m)	ASTM D-816	8.8
Puncture Resistance (Kg)	ASTM E-154	32

Disclaimer

Whilst any information contained herein is true, accurate and represents our best knowledge and experience, no warranty is given or implied with any recommendations made by us, our representatives or distributors, as the conditions of use and the competence of any labour involved in the application are beyond our control.

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