



Waterproofing Solutions

Technical Data Sheet (TDS) for KRUBBER™ Roof EPDM Membrane

No.	Parameter	ASTM Standard		Grade
		Test Method	Required	PROTEKT
1	Thicknesses Available (mm)	ASTM D-412	± 0.15	1 / 1.2 mm 1.5 / 2 mm
2	Tensile Strength (MPA)	ASTM D-412	9 (Min)	9.8
3	Elongation @ Break (%)	ASTM D-412	300 (Min)	380
4	Angular Tear (kN/m)	ASTM D-624	26.27 Min	29
5	Temperature Resistance (°C)	-	-40 to +130	-40 to 145
6	Tensile Set (%)	ASTM D-412	10 Max	8
7	Brittleness Point Max (°C)	ASTM D-2137	(-45)	-48
8	Ozone Resistance	ASTM D-1149	No Cracks	No Cracks
9	<u>Heat Aging</u>	ASTM D-573		
	Change in Tensile (MPA)	ASTM D-412	8.30 Min	8.5
	Change in Elongation (%)	ASTM D-412	200 Min	285
	Change in Angular Tear (kN/m)	ASTM D-624	21.9 Min	24
	Change in Dimensions (%)	ASTM D-1204	±1	+0.2
10	Water Absorbtion	ASTM D-471	+8,-2	+6
11	Puncture Resistance (Kgs)	ASTM D-5602	32	34
12	Specific Gravity	ASTM D-297	1.25	1.25
13	UV & Weather Resistance	ASTM G 155	No Cracks	No Cracks

Product Advantages

- * Superior weather resistance with High Tensile, Tear & Elongation
- * Excellent UV & Ozone resistance
- * Great chemical resistivity
- * Maintenance free
- * High temperature resistance

Application Areas

- * Roofs, Decks, Terrace, Water Tanks, Basements etc.
- * Water Structures like Temporary water bodies, Man Made Lakes, Water Reservoirs etc.

Method of Application

- * Surface must be completely clean & free of Oils, Dust, Nails, Rocks Etc.
- * Apply KRUBBER™ ADHESIVE on the opposite surface & wait for 5 mins to let it be in Semi-Dry condition
- * Unwrap the rest of the sheet onto the opposite surface & make sure to avoid all wrinkles during the sticking process.

Packaging

- * 1.2 Mtr Width x 20/30 Mtr Length
- * Thicknesses – 1, 1.2, 1.5 & 2 mm

Safety

- * Request for our Material Safety Data Sheet (MSDS) or view on our website.

Shelf Life & Storage

- * Over 10 years when stored in un-opened, original sealed, dry condition at a suitable temperature range.

MADE IN INDIA. The information contained in this technical data sheet is given to the best of our knowledge and the results from extensive testing in order to remain as objective as possible. However, it cannot, in any case be considered as a warranty involving our liability in case of misuse or any different use of our products. Some application tests should be carried out before using the product to ensure that the methods of use and conditions of application of the product are satisfactory. Our technical assistance is at the disposal of the user. Consult the latest update of the technical data sheet on our website

KIRAN RUBBER INDUSTRIES

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