



Product Name: ER 1400 PW-M

Ethylene/vinyl acetate/ PVC Alloy for improved durability & Chemical Resistance.

Comply with water Contact Specification: SI 5452

End Use: Roofing Membrane, Potable water tanks liners and floating covers.

Properties	Typical Characteristics	
Test & Method	English	Metric
Base Fabric	Polyester 1,300 Den 9 x 9 [per inch]	Polyester 1,430 Dtx 3.5 / 3.5 [per cm]
Total Weight ASTM D 5261	56.6 [Oz/yd²]	1920 [gr/m²]
Thickness ASTM D 751	59 ± 2 [mil]	1.5 ± 0.05 [mm]
Breaking Strength- Garb ASTM D 751 method A	298 / 298 [lbs]	1350 / 1350 [N]
Tear Strength- Single Rip ASTM D 751 method B, DIN 53356	132 / 132 [lbs]	600 / 600 [N]
Puncture Resistance ASTM D 4833	126 [lbs]	570 [N]
Coating Adhesion ASTM D 751 / Peeling	10 / 10 [lbs/inch]	90 / 90 [N/5 cm]
Seam Strength ASTM D 751 – 2" overlap seam (1" width seam)	80 % of Breaking Strength	
Dimensional Stability ASTM D 1204- 100°C (212°F) 1 hour	1 [%]	
Cold Crack / Bend ASTM D 2136, DIN 53361	-40°F	-40°C



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