XR™-3 Specification

High performance reinforced Geomembrane.

TEST	UNIT	XR 3	TEST METHOD
Finished Coated Weight	g/m^2	950 ±70	ASTM D751
Thickness	mm	0.76 nominal	ASTM D751
Trapezoid Tear	N	133/133 nominal	ASTM D4533
Grab Tensile	N	112/890 minimum	ASTM D751, Grab Method
Hydrostatic resistance	MPa	2.06 minimum	ASTM D751,Procedure A
Adhesion	daN/5 cm	9.0	ASTM D751,Dielectric Seam
Cold Crack	^0C	Pass @-32	ASTM, D2136 1/8" Mandrel, 4hrs.
Puncture Resistance	N	225 typical	ASTM D4833
Dead Load	N	445 @ 21^0C 220 @ 70^0C	MIL-T-52983E (Modified) Para 4.5.2.19 - 5 cm seam, 4 hrs , 2.5 cm strip

Notes

Background : XR 3 Reinforced has a lightweight polyester base fabric and an XR Technology coating offering moderate chemical resistance compared to regular XR-5 Fabric

Typical uses : XR-3 Reinforced is recommended in UV exposed lining applications such as waste water and storm water impoundments where chemical resistance requirements are moderate.

Fabrication : Thermal welding methods are recommended. No glues or solvents are suggested.

Installation : Procedures for installation art the same as with regular XR-5. Ask for recommended installation specifications.

TM: By seaman Corporation

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