

## XR<sup>TM</sup> 3 Specification

High performance reinforced Geomembrane.

TEST	UNIT	XR 3	TEST METHOD
Finished Coated Weight	g/m <sup>2</sup>	950 ±70	ASTM D751
Thickness	mm	0.76 nominal	ASTM D751
Trapezoid Tear	N	133/133 nominal	ASTM D4533
Grab Tensile	N	1112/890 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	°C	Pass @ -32	ASTM, D2136 1/8" Mandrel, 4hrs.
Puncture Resistance	N	225 typical	ASTM D4833
Dead Load	N	445 @ 21°C 220 @ 70°C	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 are the same as with regular XR-5. Ask for recommended installation specifications.