

## High Performance 8228 XR<sup>®</sup>-3 Reinforced Geomembrane

Reinforced	Standard	Metric
Base Fabric Type Base Fabric Weight (nominal)	Polyester 3.0 oz/yd <sup>2</sup>	Polyester 102 g/m <sup>2</sup>
Finished Coated Weight ASTM D751	28.0 ± 2 oz/yd <sup>2</sup>	950 ± 70 g/m <sup>2</sup>
Thickness ASTM D751	30 mils nominal	0.76 mm nominal
Trapezoid Tear ASTM D4533	30/30 lb <sub>f</sub> nominal	133/133 N nominal
Grab Tensile ASTM D751 Grab Method	250/200 lb <sub>f</sub> min	1112/890 N min
Hydrostatic Resistance ASTM D751, Procedure A	300 psi min	2.06 MPa min
Adhesion ASTM D751 Dielectric Seam	10 lb <sub>f</sub> /in min	9.0 daN/5 cm min
Cold Crack ASTM D2136 1/8" mandrel, 4 hr	Pass @ -25° F	Pass @ -32° C
Puncture Resistance ASTM D4833	50 lb <sub>f</sub> typical	225 N typical
Dead Load ASTM D751	2 in seam, 4 hr, 1 in strip 100 lb <sub>f</sub> @ 70° F 50 lb <sub>f</sub> @ 160° F	5 cm seam, 4 hr, 2.5 cm strip 445 N @ 21° C 220 N @ 70° C

## GEOMEMBRANE SPECIFICATIONS

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