



Tremco Commercial Sealants & Waterproofing  
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Tremco Incorporated certifies that the TREMproof® Amphibia™ sheet membrane system meets the following typical physical properties per the Tremco Incorporated published data sheets, specifications, and application instructions.

The following pertain to the TREMproof Amphibia Sheet-Applied Membrane:

Color	Black	
Installation Temperatures	32° F to 95° F (0° C to 35° C)	
Freeze/Thaw Cycles	No effect before or after installation	
Life Expectancy	Indefinite	
Elongation	ASTM D412	709%
Tensile Strength, film	ASTM D412	927 psi
Nail Sealability	ASTM D1970, sect. 7.9	Passed
Low Temp Flexibility at -20° F	ASTM D1970, sect. 7.6	Unaffected, Passed
Strength at Break	ASTM D624	161.51 psi
Permeance	ASTM E96 B ASTM E96 BW (Inverted Wet Cup)	0.0685 US Perms 0.0158 US Perms
Permeability	ASTM E96 B ASTM E96 BW (Inverted Wet Cup)	0.0048 US Perm-Inch 0.0011 US Perm-Inch
Resistance to Hydrostatic Head	ASTM D5385	Pass at 231 ft <sup>2</sup>
Thickness	ASTM D3767	63 mils/1.6mm
Crack Cycling @ -9.4° F, 100 Cycles	ASTM C836	Unaffected, pass
Puncture Resistance of Geomembranes	ASTM D4833	52.4 kg/M
Peel Adhesion to Concrete	ASTM D903	7.7 lbs./in.
Hydrostatic Pressure Resistance	ASTM D4068	Pass at 40 hrs.
Water Absorption	ASTM D570	0.13%