

Performance Test of Premier Rubber Membrane™ - PROPERTY - ASTM NUMBER - RESULTS

Adhesion to Concrete Substrate	ASTM D903 - 98 (2004)	PASSED*
Adhesion to Steel Substrate	ASTM D903 - 98 (2004)	PASSED*
Adhesion to Wood Substrate	ASTM D903 - 98 (2004)	PASSED*
Hydrostatic Resistance (positive side)	ASTM 5751 - 00	> 350PSI**
Hydrostatic Resistance (negative side)	ASTM 5751 - 00	> 350PSI**
Resistance to Puncture	ASTM E154-99- Sect.10	> 34 N***
Freeze - Thaw Resistance (100 cycles)	ASTM A742	PASSED****
Elongation at break at -5.6o C	ASTM D412 - 98a (2002)	480%
Elongation at room temperature	ASTM D412 - 98a (2002)	1200%
Low Temperature Brittleness @15oC	ASTM D746 - 04	PASSED
Water Absorption	ASTM D570 - 98 (2005)	<1.4
Water Vapor Transmission (grains/hr/ft2)	ASTM E96-00	0.12
Water Permeance (grains/hr/ft2)	ASTM E96-00	0.23
Crack Bridging @-5oC	ASTM C1305 - 06	PASSED
Resistance to Puncture	ASTM E154-99- Sect.10	> 34 N***
Resistance to Plastic Flow at Elevated Temp.	E154-99- Sect.11	<0.4
Low Temperature Flexibility @-15oC	D1970-01	PASSED
Salt Fog	ASTM B177 - 90	PASSED
TCLP Leachate Test- Dry	O.REG.558	PASSED
Leachate Test- Submersed in Water	ISO 2812	PASSED
Fire Rating	ASTM E109 - 94	Class C
Fire Rating Ballasted Roof	ASTM E109 - 94	Class A
Soil Burial	ASTM E154 - 99	PASSED
WVT after Soil Burial(grains/hr/ft2)	ASTM 154-99- Sect 11	<0.4
Methane Gas Resistance	ASTM D1434-82(1992)	Equivalent to 1/8" EPDM
Low Temperature Flexibility@-15oC	ASTM DI970-01 SEC 7.6	PASSED
Resistance to Plastic Flow	ASTM E154-99	PASSED
Resistance to UV Exposure	ASTM G90	ONGOING 5+ YEARS