PROPERTIES	TEST METHOD	MINIMUM ASTM PERFORMANCE	TYPICAL VALUES
THICKNESS	ASTM D 412	0.0405 " (1.028 mm)	0.043" (1.092 mm)
OVERALL MEMBRANE			
ELONGATION, min.	ASTM D 412 (Die C)	300 %	450 %
TENSILE STRENGTH, min .	ASTM D 412 (Die C)	1305 psi (9.0 MPa)	1425 psi (9.8 MPa)
TEAR RESISTANCE, min.	ASTM D 624 (Die C)	150 lbf/in (26.2 kN/m)	200 lbf/in (35.0 kN/m)
BRITTLENESS TEMP. max	ASTM D 2137	-49° F (-45° C)	-63° F (-53° C)
OZONE RESISTANCE no cracks	ASTM D 1149	pass	pass
HEAT AGING:	ASTM D 573		
Tensile Strength, min	ASTM 412 (Die C)	1205 psi (8.3 MPa)	1415 psi (9.7 MPa)
Elongation, max, min	ASTM D 412 (Die C)	200 %	90 %
Tear Resistance, min	ASTM D 624 (Die C)	125 lbf/in (21.9 kN/m)	180 lbf/in (31.5 kN/m)
Linear Dimensional Change, max	ASTM D 1204	± 1.0 %	- 0.7 %
Water Absorption, max, mass %	ASTM D 471	+ 8, -2 %	+1.8 %
Factory Seam Strength, min	ASTM D 816, Method B 50 lbf/in (Modified)	(8.8 kN/m) or sheet failure	sheet failure
WEATHER RESISTANCE: Visual Inspection	ASTM D 518	pass	pass
PRFSE, min	ASTM D 518	30 %	63 %
Elongation, max, min	ASTM D 412 (Die C)	200 %	290 %

RPI Royal Edge EPDM membrane meets or exceeds the minimum requirements set forth by ASTM D 4637, and CGSB 37-GP-52M, for Type 1, Class A, non-reinforced single-ply EPDM membranes.

DESCRIPTION:

RPI Royal Edge non-reinforced EPDM membrane is a cured single-ply membrane suitable for use in Fully Adhered, Mechanically Attached, and Ballasted roofing systems.

APPLICATION INSTRUCTIONS:

1. All substrates must be dry, clean, and free of debris and loose foreign materials including oils, grease, and other contaminants.
2. All surfaces must be smooth and free of sharp and protruding edges.
3. All voids greater than ¼ inch should be filled with an acceptable material.
4. RPI Royal Edge EPDM must be installed according to RPI System Specifications.