



JM EPDM Reinforced Roofing Membranes:

45R 60R

Description

JM EPDM Roofing Membranes are 45 mil (1.14 mm) and 60 mil (1.52 mm) thick, polyester-reinforced, cured EPDM (ethylene propylene diene monomer) sheets designed for use as a single ply membrane in mechanically attached, ballasted and fully adhered roofing systems. The EPDM formulation offers superior ozone resistance and remains flexible through wide temperature ranges. The polyester reinforcement provides strength and rigidity to resist normal temperature fluctuations and membrane flutter. The EPDM sheets meet the requirements of ASTM D 4637 and ANSI/RMA IPR-1.

JM EPDM Reinforced Roofing Membrane sheets are factory cleaned to remove the talc. No additional cleaning is necessary. If dirt and debris accumulate on the sheet, follow normal cleaning requirements for seaming. JM EPDM Tape Primer is required for all seams.

Color

Black

Packaging

45R

10' x 100' (3.05 m x 30.48 m)

60R

7' x 100' (2.13 m x 30.48 m)

10' x 100' (3.05 m x 30.48 m)

Storage

JM 45R and 60R EPDM Membrane should be kept clean and dry prior to application.

Installation

Refer to JM EPDM Applicator Guides or Detail Drawings for instructions.

Precautions

Do not install in direct contact with asphalt or coal tar pitch.

Refer to the Material Safety Data Sheet prior to using JM EPDM Reinforced Roofing Membranes. Material Safety Data Sheet is available by calling (800) 922-5922 or on the Web at www.jm.com/roofing.

JM EPDM Reinforced membranes meet or exceed all of the requirements of ASTM D 4637.

Typical Physical Properties

Property	ASTM Test Method	ASTM	
		<input type="checkbox"/> 45R	<input type="checkbox"/> 60R
Thickness	D 751	45 mil (1.14 mm)	60 mil (1.52 mm)
Thickness over Scrim – Optical Method		0.016" (0.41 mm)	0.020" (0.51 mm)
Breaking Strength	D 751	210 lbf (934 N)	210 lbf (934 N)
Elongation	D 751	480%	480%
Brittle Point	D 2137	-75°F (-59°C)	-75°F (-59°C)
Weight (approximate)		0.30 lb/ft ² (1.5 kg/m ²)	0.40 lb/ft ² (2.0 kg/m ²)
Tear Strength	D 751	50 lbf (222 N)	50 lbf (222 N)
Ozone Resistance, No Cracks	D 1149	Pass	Pass
Weather Resistance, No Cracks/No Cracking	G-26	Pass	Pass