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ROYAL EDGE UNCURED EPDM FLASHING TECHNICAL DATA SHEET

Physical Properties	ASTM methods	Units	Performance minimum	Typical Values 60 mil
Vulcanization at 320°F(160°C)	D 3182	Minutes	20 ± 2	20 ± 2
Thickness, minimum	D 412	In. (mm)	0.055 (1.4)	0.055 (1.4)
Tensile Strength, minimum	D 412 (Die C)	Psi (MPa)	1205 (8.3)	1800 (12.4)
Elongation, minimum	D 412 (Die C)	%	250	425
Tear Resistance, minimum	D 624 (Die C)	Lbf/in (kN/m)	125 (22)	195 (35)
Brittleness Point, maximum	D 2137	° F (° C)	-31 (-35)	-34 (-37)
Tensile Set, maximum	D 412	%	10	10
Ozone Resistance, (7x)	D 1149	--	No Cracks	No Cracks
Heat Aging, Air Oven	D 573			
tensile strength, minimum	D 412 (Die C)	Psi (MPa)	1205 (8.3)	1600 (11.0)
elongation, minimum	D 412 (Die C)	%	200	210
tear resistance, minimum	D 624 (Die C)	Lbf/in (kN/m)	125 (22)	160 (28)
Water absorption, weight change/range	D 471	%	+8, -2	+2
Linear Dimensional Change maximum	D 1204	%	± 2	-1.0
Weatherability, no cracks or crazing	D 518	--	Pass	Pass

Roofing Products International Royal Edge Uncured EPDM meets or exceeds the minimum requirements set for by ASTM D 4811 for Type I non-reinforced neoprene single-ply roofing flashings after curing.

DESCRIPTION:

RPI Royal Edge Uncured Flashing is a black Uncured EPDM membrane designed to be used as a moldable flashing for inside and outside corners, pipe flashings, T-joint patches, radical bend patches, and other flashing details. Refer to RPI Specification Manual and Application Handbook for more detailed flashing applications.

APPLICATION INSTRUCTIONS:

1. All membranes and substrates must be clean, dry, and free of dust, dirt, and oils. Clean metal flashings with Membrane Cleaner to remove any residual manufacturing oils.
2. Using a clean cotton cloth saturated with Membrane Cleaner, clean all membrane surfaces to remove any contaminants or talc from the membrane surfaces.
3. Using a stiff brush, apply RPI Splice Adhesive to all cleaned membrane surfaces including metal flashings, brick, block, or other substrates. Allow the Splice Adhesive to "flash-off".
4. Apply the Uncured Flashing to the prepared substrate. Using a 2 inch steel or hypalon roller, roll the membrane to ensure 100% adhesion.
5. Clean all flashing edges with Membrane Cleaner and apply a bead of RPI Lap Caulk to the flashing edge.

PACKAGEING:

Size	Quantity	Weight
6" x 25', 50', 100' roll	2 rolls per carton	0.35 lb/sf (1.7kg/m ²)
12" x 50', 100' roll	2 rolls per carton	

RECOMMENDED STORAGE:

1. Store in original unopened containers at temperatures between 60°F (15.6°C) and 80°F (26.7°C).
2. The expected shelf life can be shortened if product is stored in temperatures exceeding the recommended storage levels. Do not store in direct sunlight.
3. When stored or exposed to lower temperatures, restore to room temperature before use.

SHELF LIFE:

1. When stored indoors in original unopened containers at temperatures between 60°F (15.6°C) and 80°F (26.7°C) the expected shelf life is 12 months.
2. Product shelf life will be shortened if exposed to elevated temperatures.
3. Refer to Material Safety Data Sheets for specific requirements.

PRECAUTIONS:

1. Do not allow flashing to be punctured or damaged during transporting or storage.
2. During cool weather, a heat gun may be used to warm the product but care should be taken not to overheat the membrane. Excessive heat may damage the membrane. Refer to the RPI Specification Manual for more installation information.



Information stated on this Roofing Products International, Inc. Data Sheet is intended to provide basic guidance as to storage, application, coverage, shipping, and other product data. Information is subject to change without notice. For more information regarding this product, refer to RPI MSDS, and the RPI Specification Manual. As neither Roofing Products International, Inc. nor its representatives practice structural engineering or architecture, RPI disclaims any responsibility and offers no opinion as to the structural soundness of any structure on which its products may be applied. The building owner should obtain the services of a competent structural engineer before proceeding. RPI accepts no responsibility for any structural failure or resultant damages. No Roofing Products International, Inc. representative is authorized to vary this disclaimer.



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