

Roofing Products International EPDM Roofing Systems



Over 30 Years of Roofing Technology

Since 1980, *Roofing Products International, Inc.* has been supplying our quality EPDM single-ply roofing systems. *RPI* has always been in the forefront of this expanding technology, with our field-proven application techniques for all types of roofing projects whether it be for new construction or reroofing. The *Royal Edge* starts with our EPDM single-ply membranes and continues with our accessory items, tapes, adhesives, and installation tools, including a complete line of low VOC products. The *Royal Edge* doesn't end there. It extends to our experienced staff, technical and field sales representatives trained in every facet of the process beginning with correct system selection to completed installation. *RPI Royal Edge EPDM* is the benchmark single-ply membrane for commercial, industrial, residential, mobile and modular buildings, and Green Roof installations.



For more information visit our website
www.rpiroyaledge.com



Give Your Customers *The Royal Edge* in Single Ply



OVER 40 YEARS OF FIELD PROVEN PERFORMANCE. One of the first EPDM roofs was installed in 1965. That roof is made with our Royal Edge polymer, and is still in service today.

EXTREMELY FLEXIBLE. Unlike conventional asphalt roofing, there is no stress failure from structural movement due to the minimum 300% elongation.

WEATHERPROOF. Royal Edge membrane has shown little or no effect from sun, rain, hail, ice or snow since 1965.

MINIMAL MAINTENANCE. Coatings are not required, due to Royal Edge membrane's high resistance to ultra violet rays and the ozone.



WITHSTANDS TEMPERATURE EXTREMES. Royal Edge membrane will not split, crack or rupture due to extreme temperature fluctuations. It has a flexibility range of -75°F to temperatures up to 300°F.

FAST, EASY, LIGHTWEIGHT INSTALLATION. Royal Edge roofing systems can be quickly installed on new construction and retrofit projects while adding a fraction of the weight of asphalt and modified bitumen system.

UL AND FM RATED SYSTEMS. Royal Edge applications are in compliance with both Underwriters Laboratory and Factory Mutual guidelines. (See UL and FM Directories for specifics.)



WARRANTIES. Royal Edge membrane is offered with a FREE membrane only warranty for all installations. Labor warranties are available for a nominal fee for periods of 5, 10, and 15 years through our Registered Applicator Program. Labor warranties are not available for residential installations.



EPDM Rubber Roofing Technology and Performance.

*Fully Adhered System • Non-Penetrating Batten System
In-Seam Batten System • Reinforced System • Loose Laid & Ballast System*

THE ROYAL EDGE MEMBRANE

We offer our Royal Edge membranes in the 7' 6", 10', 20', 30', 40', and 50' widths, and up to 200' in length. All Royal Edge membranes are offered in both nominal .045 and .060 mil thicknesses. Royal Edge .090 mil available as special order.

ROYAL EDGE MEMBRANE* SPECIFICATIONS

Property	ASTM Test Method	EPDM Sheet	FR-EPDM Sheet	EPDM Color	Reinforced Sheet
Color		**Black	**Black/**White	White	**Black
Thickness	**Sheets offered in nominal .045 & .060 Mil Thickness				
Tensile, psi	D-412	1305	1305	1305	N/A
Elongation	D-412	300%	300%	300%	250% Min.
Die C Tear	D-624	150#	150#	150#	10#/in. Min.
Ozone Resistance 100 pphm 168 hrs. at 104°F at 59% Ext	D-1149	No Cracks	No Cracks	No Cracks	N/A
Ozone Resistance 7 days 100 pphm at 100 °F	D-1149	N/A	N/A	N/A	No Cracks
Heat Resistance 28 days at 240 °F	D-573	Ten. 1205/ Elong. 200	Ten. 1205/ Elong. 200	Ten. 1205/ Elong. 200	N/A
Heat Resistance 28 days at 150 °F	D-573	N/A	N/A	N/A	Breaking Min. 80 lbs/in. Elong. 200%
Low Temp Brittleness	D-746	-49	-49	-49	-49

* The ASTM's specifications listed above are the minimum values accepted by ASTM.
All *Royal Edge* EPDM membranes meet and/or exceed ASTM's minimum specifications.

FREE 40 YEAR MEMBRANE ONLY WARRANTY

A **FREE 40 Year Membrane Only Warranty** is offered for Royal Edge .060 membrane when installed as part of a fully adhered system on residential or commercial roof installations.



ROYAL EDGE ROOFING SYSTEMS

System	System Advantage	Deck Types	Most Economical	Acceptable Insulation	Membrane Thickness	UL ² FM ³	Warranty		Slope		Weight Installed	Surfacing
							LW*	MW†	min	max		
Fully Adhered	100% adhered to mechanically attached substrate	All with proper Pull Out	Any Configuration	Must be compatible with adhesives	nominal .060 nominal .045	UL-Yes FM-Yes	5 yr. 10 yr. 15 yr.	30 yr. .060 10 yr. .045	Dead Level	Vertical	Under 1 lb per sq. ft.	None required
Non Penetrating Batten System	Largest sheets quickest installation	All with proper Pull Out	Large open areas	Must be compatible with adhesives	nominal .060 nominal .045	UL-Yes FM-Yes	5 yr. 10 yr. 15 yr.	20 yr. .060 10 yr. .045	Dead Level	2-12	Under 1 lb per sq. ft.	None required
In-Seam Batten System	Light Weight easy to go around protrusions	All with proper Pull Out	Large open areas	Must be compatible with adhesives	nominal .060 nominal .045	UL-Yes FM-Yes	5 yr. 10 yr. 15 yr.	20 yr. .060 10 yr. .045	Dead Level	2-12	Under 1 lb per sq. ft.	None required
Residential	100% adhered to mechanically attached substrate	All with proper Pull Out	Any Configuration	Must be compatible with adhesives	nominal .060 nominal .045			20 yr. .060 10 yr. .045	Dead Level	Vertical	Under 1 lb per sq. ft.	None required
Loose Laid & Ballast System	Lowest installed cost- Largest Sheets fast-and easy	Note # 1	Large open areas	Must be compatible with adhesives	nominal .060 nominal .045	UL-Yes FM-Yes	5 yr. 10 yr. — **	20 yr. .060 10 yr. .045	Dead Level	2-12	12-15 lbs per sq. ft.	3/4" to 2" River Washed Round Stone

- 1 – Deck Type – Ballast — any deck that will accept 12-15 lbs per square foot. All ballast systems should have engineering study done to verify building can handle weight load.
 2 – UL Ratings require specific decks, insulations, and slopes to meet Class A, B, C. Consult UL directory for specific information.
 3 – FM I-60 requires one fastener per every four square feet. FM I-90 requires one fastener per every two square feet. Eight feet of perimeter one fastener per every two square feet.
 * – Labor warranties available at a nominal fee.
 † – Membrane Warranties available at no cost.
 ** – RPI stone mat separator sheets are required for Labor Warranty for ballasted .045.

THE ROYAL EDGE ADVANTAGE RPI ACCESSORIES COMPLETE

For the highest quality installation, RPI offers the complete line of accessories required for the installation of your Royal Edge EPDM roof. RPI is a single source supplier which means your orders will be processed quickly and efficiently.



We provide all the items needed for the highest quality installation including:

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|------------------|--------------------|-------------|
| Adhesives | Caulking | Seam Tapes |
| Termination Bars | Flashing Membranes | Cover Tapes |
| Seam Tape Primer | Membrane Cleaner | Vents |
| Pipe Boots | Drain Inserts | Fasteners |



Roofing Products International, Inc.

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1-800-628-2957

Web site: www.rpiroyaledge.com

ROYAL QUALITY FROM THE RPI REGISTERED APPLICATOR PROGRAM

All Royal Edge Roofing Systems can be installed using our Registered Applicators. These roofing professionals have been trained in our systems, and are regularly reviewed for quality and workmanship.

RPI Registered Applicators are backed by expert technical and sales field representatives, ready to provide technical assistance on every aspect of the installation from system selection, through completion.

GET THE ROYAL EDGE ADVANTAGE WITH RPI

Put RPI's Royal Edge to work for you. Our superior Royal Edge EPDM membrane, stringent quality control standards, complete application systems and accessories, and professional support are just some of the reasons why Roofing Products International, Inc. should be your single source supplier for quality EPDM roofing systems. For complete information on availability, contact your local distributor or call Toll Free: 800-628-2957.

**RPI
LABOR AND MATERIAL
WARRANTY**

Available thru RPI Registered Applicator
for commercial/industrial installations.
Not available for residential
Details available upon request

