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RPI ROYAL EDGE EPDM NON-PENETRATING BATTEN SYSTEM

In 1980, Roofing Products International, Inc. began manufacturing EPDM (Ethylene Propylene Diene Monomer) for the single ply membrane roofing market. Now, 29 years later, the same commitment to product quality and system performance, along with a dedicated sales and technical team, has made RPI into one of the most solid performers in the single-ply roofing industry. RPI Royal Edge EPDM is ASTM 4637 compliant and RPI Royal Edge Systems are designed to meet FM and UL classification assembly ratings.

The incredible durability and performance characteristics of RPI Royal Edge EPDM membrane and system components combined with ease of application and availability of wide sheets; translates into a lightweight installation which provides excellent protection from constantly changing weather extremes. When installed over approved substrates using RPI Bonding Adhesive*, the RPI Non-Penetrating Batten System utilizing RPI Batten Bars and RPI Nylon fabric scrim, promotes the installation of the system using the widest sheets possible, eliminating any mechanical “through the sheet” fastening and fewer field seams in the completed installation.

*Must be RPI Solvent Based Bonding Adhesive

The following information represents options for RPI Non-Penetrating Batten System installations. Refer to RPI Specifications for more detailed information.

RPI ROYAL EDGE NON-PENETRATING BATTEN SYSTEM

PROJECT INFORMATION

Building/Project Name: _____

Address: _____

City: _____ STATE: _____ ZIP: _____

CONTRACTOR INFORMATION

Company: _____ Registered Applicator Number: _____

Address: _____

City: _____ STATE: _____ ZIP: _____

MEMBRANE THICKNESS:	COLOR	TYPICAL WIDTHS NON-REINFORCED	TYPICAL LENGTHS NON-REINFORCED
Non-reinforced .045 mil <input type="checkbox"/>	BLACK	10', 20', 30', 40', 50'	25', 50', 100'
Non-reinforced .060 mil <input type="checkbox"/>	BLACK		
Insulation Type	Barrier Board		Recover Board
Polyisocyanurate <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		HD Fiberboard <input type="checkbox"/>
Tapered Polyisocyanurate <input type="checkbox"/>	Air Barrier Yes <input type="checkbox"/> No <input type="checkbox"/>		T/O <input type="checkbox"/> Reroof <input type="checkbox"/>
Other: _____			

MEMBRANE ONLY WARRANTIES

Royal Edge .060 mil EPDM Membrane

<u>System Application</u>	<u>Length of Warranty</u>	<u>Cost</u>
<u>Fully Adhered over:</u>		
<input type="checkbox"/> Oriented Strand Board (OSB)	30 years	Free
<input type="checkbox"/> Plywood	30 years	Free
<input type="checkbox"/> HD Fiberboard	30 years	Free
<input type="checkbox"/> Polyisocyanurate Insulation	40 years	Free
<input type="checkbox"/> Polyisocyanurate Barrier Board Assembly	40 years	Free
<u>Mechanically Attached Systems:</u>		
<input type="checkbox"/> Inseam batten	20 years	Free
<input type="checkbox"/> Non-Penetrating Batten	20 years	Free
<input type="checkbox"/> Reinforced Mechanically Attached	20 years	Free
<u>Ballasted Systems:</u>		
<input type="checkbox"/> Over approved substrate	20 years	Free

Royal Edge .045 mil EPDM Membrane

<u>System Application</u>	<u>Length of Warranty</u>	<u>Cost</u>
<u>Fully Adhered over:</u>		
<input type="checkbox"/> Oriented Strand Board (OSB)	20 years	Free
<input type="checkbox"/> Plywood	20 years	Free
<input type="checkbox"/> HD Fiberboard	20 years	Free
<input type="checkbox"/> Polyisocyanurate Insulation	20 years	Free
<input type="checkbox"/> Polyisocyanurate Barrier Board Assembly	20 years	Free
<u>Mechanically Attached Systems:</u>		
<input type="checkbox"/> Inseam batten	20 years	Free
<input type="checkbox"/> Non-Penetrating Batten	20 years	Free
<input type="checkbox"/> Reinforced Mechanically Attached	20 years	Free
<u>Ballasted Systems:</u>		
<input type="checkbox"/> Over approved substrate	20 years	Free

RPI Royal Edge Non-Penetrating Batten EPDM Membrane Systems have many advantages over Mechanically Attached In-Seam Batten and Ballasted Systems.

Utilizing 20ft. and 30ft. field sheets translates into fewer field seams.

Non-Penetrating Batten Systems can be utilized on low slope and steep sloped applications.

Lightweight System. Non-Penetrating Batten Systems can be installed over a variety of decks and insulation assemblies including recover, and barrier boards. Lower cost per sq. ft. than Fully Adhered System.

Installation Profile

RPI Royal Edge .045 mil or .060 mil EPDM Membrane is adhered to a nylon scrim that has been mechanically attached to the roof deck with RPI Batten Bars. All products within the system are manufactured for installation as part of an FM approved EPDM system assembly, using RPI Solvent Based Bonding Adhesive. The insulation, barrier board, or recover board, are mechanically attached to the deck with FM approved fasteners and plates, or adhered to the deck using adhesives specifically designed to meet FM uplift requirements.

RPI Seam Tapes, Uncured Flashings, and other accessories, are used to create field seams and properly flash curbs, drains, and other protrusions.

Code Requirements

FM Uplift: N/A I-60 I-90 (air barrier required)

Special Requirements: _____

UL Assembly: N/A Class A Class B Class C

RPI Labor and Material Warranties

Labor and Material Warranties covering the installation workmanship for RPI Royal Edge EPDM Systems are available only through RPI Registered Applicators for Commercial and Industrial applications.

.045 mil Non-Penetrating Batten System: 5 year 10 year 15 year

.060 mil Non-Penetrating Batten System: 5 year 10 year 15 year

