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ROYAL EDGE EPDM BALLASTED 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 RPI System components, combined with wide sheet technology and ease of application, provide excellent protection from constantly changing weather extremes. The RPI Royal Edge Ballast System is a cost effective system which utilizes washed river rock as ballast. The ballast protects the membrane from damage and provides excellent wind uplift resistance.

The following information represents options for RPI Royal Edge EPDM Ballasted System installations. Refer to RPI Specifications for more detailed information.

PROJECT INFORMATION

Building/Project Name: _____

Address: _____

City: _____ STATE: _____ ZIP: _____

CONTRACTOR INFORMATION

Company: _____ Registered Applicator Number: _____

Address: _____

City: _____ STATE: _____ ZIP: _____

MEMBRANE THICKNESS

.045 mil

.060 mil

INSULATION TYPE

Polyisocyanurate

Tapered Polyisocyanurate

EPS

COLOR

BLACK 10', 20', 30', 40', 50'

BLACK 10', 20', 30', 40', 50'

BARRIER BOARD

Yes No

AIR BARRIER Yes No

Other: _____

TYPICAL WIDTHS

NONREINFORCED

TYPICAL LENGTHS

NONREINFORCED

25', 50', 100'

25', 50', 100'

RECOVER BOARD

HD Fiberboard

T/O Reroof

MEMBRANE ONLY WARRANTIES

Royal Edge .060 mil EPDM Membrane

System Application	Length of Warranty	Cost
<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

System Application	Length of Warranty	Cost
<u>Fully Adhered over:</u>		
<input type="checkbox"/> Oriented Strand Board (OSB)	10 years	Free
<input type="checkbox"/> Plywood	10 years	Free
<input type="checkbox"/> HD Fiberboard	10 years	Free
<input type="checkbox"/> Polyisocyanurate Insulation	10 years	Free
<input type="checkbox"/> Polyisocyanurate Barrier Board Assembly	10 years	Free
<u>Mechanically Attached Systems:</u>		
<input type="checkbox"/> Inseam batten	10 years	Free
<input type="checkbox"/> Non-Penetrating Batten	10 years	Free
<input type="checkbox"/> Reinforced Mechanically Attached	10 years	Free
<u>Ballasted Systems:</u>		
<input type="checkbox"/> Over approved substrate	10 years	Free

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

Utilizing 20ft., 30ft., and larger field sheets minimizes field seams.

Ballasted System protects the membrane from impact damage.

Ballast Pavers or washed river rock provide appealing aesthetics.

Systems can be installed over a variety of decks and insulation assemblies including recover, and barrier boards. Lower installation cost per sq. ft.

INSTALLATION PROFILE

RPI Royal Edge .045 mil* or .060 mil EPDM Membrane is loose laid over approved insulation. All products within the system are manufactured for installation as part of an FM approved EPDM system assembly. The insulation or recover boards are loose laid to the deck and covered with RPI EPDM membrane. Ballast (approved pavers, washed river rock) are installed over the membrane at a minimum weight of 10 lbs/sq². Before installation of a Ballasted System, a structural analysis should be provided by

*.045 mil Ballasted systems require the installation of a Stone Mat Separator Sheet prior to the installation of the Ballast/Pavers.

CODE REQUIREMENTS

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

Other: _____

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 Ballasted System: 5 year 10 year

.060 mil Ballasted System: 5 year 10 year

