



RubberGard™ EPDM Reinforced Perimeter Fastening (RPF) Strip

DESCRIPTION:

Firestone RubberGard™ Reinforced Perimeter Fastener (RPF) Strip is a 6" (152 mm) wide reinforced EPDM membrane for use in non-penetrating base tie-ins as specified in Firestone Specifications and Details.

PREPARATION OF SUBSTRATES:

1. Substrates must be clean, dry, smooth, and free of sharp edges, fins, loose or foreign materials, oil, grease, and other materials which may damage the RPF Strip.
2. All roughened surfaces which could damage the RPF Strip shall be repaired as specified to offer a smooth substrate.
3. All surface voids greater than 1/4" (6.3 mm) wide shall be properly filled with an acceptable fill material.

METHOD OF APPLICATION:

1. Unroll the RPF Strip over even substrate and position per Firestone Specifications.
2. Fasten with Firestone V-plates, 2" (51mm) seam plates or Firestone Batten Strips and fasteners max 12" (304 mm). AP Sealant is required on all fastener heads when Firestone Batten Strips are used per Firestone Specifications.
3. Clean the RPF Strip and membrane with clean cotton cloths and Firestone Splice Wash SW-100, or QuickPrime™ Plus to remove all dusting agent and other contaminants that will affect the finished bond strength. Allow to air dry.
4. Brush-apply Splice Adhesive to both surfaces and mate according to Firestone Specifications.
5. Roll finished base tie-in with a 2" (51 mm) wide silicone roller or Firestone QuickRoller™.

This sheet is meant to highlight Firestone's products and specifications and is subject to change without notice. Firestone takes responsibility for furnishing quality materials, which meet Firestone's published product specifications. Neither Firestone nor its representatives practice architecture. Firestone offers no opinion on and expressly disclaims any responsibility for the soundness of any structure. Firestone accepts no liability for structural failure or resultant damages. Consult a competent structural engineer prior to installation if the structural soundness or structural ability to properly support a planned installation is in question. No Firestone representative is authorized to vary this disclaimer.



PACKAGING:

1. Two 6" (152.0 mm) x 100' (30.5 m) rolls per carton.
2. Weight is approximately 30 lb (13.6 kg) per carton.

STORAGE:

Store original unopened cartons indoors until ready to use.

PRECAUTIONS:

1. Take care when moving, transporting, handling, etc. to avoid sources of punctures and physical damage.
2. Isolate waste products, such as petroleum products, greases, oils (mineral and vegetable) and animal fats from the RubberGard membrane. Contact Firestone Roofing System Solutions Department for specific recommendations.
3. Refer to Material Safety Data Sheets (MSDS) for safety information.

LEED INFORMATION:

Post Consumer Recycled Content: 0%
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 Manufacturing Locations: Prescott, AR

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PHYSICAL PROPERTIES

<u>Property</u>	<u>Test Method</u>	<u>Minimum ASTM Performance</u>	<u>Typical Values</u>
Thickness, min			
Sheet-overall	ASTM D 751	0.0405 in (1.028 mm)	0.043 in (1.092 mm)
Coating over scrim or fabric	ASTM D 751	0.015 in (0.381 mm)	0.015 in (0.381 mm)
Breaking strength, min	ASTM D 751 (Grab Method)	90 lbf (400 N)	240 lbf (1068 N)
Elongation, ultimate, min	ASTM D 412 (Die C)	250% ^A	475% ^A
Brittleness point, max	ASTM D 2137	-49 °F (-45 °C)	-65 °F (-54 °C)
Ozone resistance, no cracks	ASTM D 1149	pass	pass
Heat Aging:	ASTM D 573		
Breaking strength, min	ASTM D 751 (Grab Method)	80 lbf (356 N)	275 lbf (1223 N)
Elongation, ultimate, min	ASTM D 412 (Die C)	200% ^A	300% ^A
Linear dimensional change, max	ASTM D 1204	±1.0%	-0.7%
Water absorption, max, mass %	ASTM D 471	+8, -2% ^A	+1.8% ^A
Weather resistance:			
Visual inspection	ASTM D 518	pass	pass

^A Specimens to be prepared from coating rubber compound, vulcanized in a similar method to the reinforced products.

RubberGard membrane meets or exceeds the minimum requirements set forth by ASTM D 4637 for Type II scrim-reinforced EPDM single-ply roofing membranes.