

TECHNICAL INFORMATION SHEET

RubberGard™ EPDM Reinforced Perimeter Fastening Strip (RPF)

Item Description

6" x 100' (152 mm x 30.5 m)

Item Number

W563581540



Product Information

Description:

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

Product Packaging

Rolls per Carton:	2
Roll Size:	6" x 100' (152 mm x 30.5 m)
Weight per Carton:	44 lb (20 kg)

Method of Application:

1. Substrates must be clean, dry, smooth, and free of sharp edges, fins, loose or foreign materials, oil, grease, and other materials that may damage the RPF Strip.
2. All roughened surfaces that can damage the RPF Strip shall be repaired as specified to offer a smooth substrate.
3. All surface voids greater than ¼" (6.3 mm) wide shall be properly filled with an acceptable fill material.
4. Unroll the RPF Strip over even substrate, and position per Firestone Specifications.
5. Fasten with Firestone V-Plates, 2" (51 mm) Metal Plates or Firestone Batten Strips and fasteners spaced max 12" (304 mm) o.c. AP Sealant is required on all fastener heads when Firestone Batten Strips are used, per Firestone Specifications.
6. Clean the RPF Strip and membrane with clean cotton cloths and Firestone Splice Wash SW-100 Cleaner to remove all dusting agent and other contaminants that will affect the finished bond strength. Allow to air dry.
7. Brush-apply Splice Adhesive to both surfaces and mate according to Firestone Specifications.
8. Roll finished base tie-in with a 2" (51 mm) wide silicone roller or Firestone QuickRoller™ Hand Roller.

Storage:

Store in original unopened cartons at temperatures between 60 °F (15.6 °C) and 80 °F (26.7 °C) until ready for use

Precautions:

- Review Safety Data Sheets (SDS) prior to use.
- Take care when moving, transporting, handling, etc. to avoid sources of punctures and physical damage.
- Isolate waste products, such as petroleum products, greases, oils (mineral and vegetable) and animal fats from the RubberGard EPDM Reinforced Perimeter Fastening Strip (RPF)

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LEED® Information:

Post Consumer Recycled Content: 0%
 Post Industrial Recycled Content: 0%
 Manufacturing Location: Prescott, AR
 *NOTE: LEED® is a registered trademark of the U.S. Green Building Council.

Typical Properties

Property	ASTM Standard	Performance Minimum	Typical Performance
Thickness, Min.:	D 751	-	-
Sheet, Overall:	D 751	0.040" (1.016 mm)	0.043" (1.092 mm)
Coating Over Scrim:	D 751	0.015" (0.381 mm)	0.015" (0.381 mm)
Breaking Strength, Min.:	D 751 (Grab Method)	90 lbf (400 N)	240 lbf (1068 N)
Elongation, Ultimate, Min. ^a :	D 412 (Die C)	250%	475%
Brittleness Point, Max.:	D 2137	-49 °F (-45 °C)	-65 °F (-54 °C)
Ozone Resistance, No Cracks:	D 1149	Pass	Pass
Heat Aging:	D 573	-	-
Breaking Strength, Min.:	D 412 (Die C)	80 lbf (356 N)	275 lbf (1,223 N)
Elongation, Min. ^a :	D 412 (Die C)	200%	300%
Linear Dimensional Change, Max.:	D 1204	±1%	-0.7%
Water Absorption, Weight Change, Range ^a :	D 471	+8%, -2%	+1.8%
Weatherability, No Cracks or Cracking:	D 518	Pass	Pass

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

Please contact Firestone Technical Services Department at 1-800-428-4511 for further information.

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