



RubberGutter™ EPDM SA membrane

1. Description

The Firestone RubberGutter EPDM SA membrane is a non-reinforced self-adhered EPDM membrane with Secure Bond technology for residential gutter applications which ensures uniform adhesion across the entire membrane, from edge to edge. This self-adhered membrane enables you to install more easily and quickly, without applying any adhesive on the jobsite.

2. Preparation

The gutter structure needs to be stable enough to support the temporary loading. Substrates need to be clean, smooth, dry and free of sharp edges, loose or foreign materials, oil, grease and other materials that may damage the membrane. All surface voids greater than 5 mm wide shall be properly filled with an acceptable fill material. It is recommended to clean metal substrates with Firestone Cleaner C-20 using a cotton rag or scrubber. Porous substrates like brick walls need preparation with Firestone QuickPrime Plus.

3. Application

Allow the membrane to relax prior to application. Install RubberGutter EPDM SA membrane only when membrane, substrate and ambient temperature are min. -7°C and rising. After having positioned the RubberGutter EPDM SA strip, peel the release liner and stick the membrane to the substrate in workable sections. Install RubberGutter EPDM SA without any tension and avoid entrapment of air. Roll the adhered membrane firm to the substrate using the silicon rubber roller. Refer to the Firestone guidelines for specific installation instructions.

4. Coverage

The dimensions of the RubberGutter EPDM SA membrane will be calculated to cover the entire surface to be waterproofed, including the overlapping areas of the membrane (minimum 50 mm).

5. Characteristics

Physical

- Very good thermal and dimensional stability
- Elastomeric membrane with a good combination of high elasticity (permanent elasticity from -45 °C to 130 °C) and tensile strength
- Excellent resistance to UV and ozone
- Quick and easy to install
- Superior cold-weather performance: Can be installed in temperature as low as -7°C
- Excellent resistance to acid rains, less resistant to oil products. Contact with mineral and vegetable oils, petroleum based products, hot bitumen and grease must be avoided



6. Technical Specifications

Physical properties	Test method	Declared value
Elongation	EN 12311-2	≥ 300 %
Water vapor permeability	EN 1931	50,000
Tear resistance	EN 12310-2	≥ 20 N
Tensile strength	EN 12311-2	≥ 8 MPa
Reaction to fire	EN 13501-1	E
Watertightness (2 kPa)	EN 1928	Pass
Durability (2 kPa)	EN 1296/ EN 1928	Pass
Durability against ageing	EN 1296/ EN 1931	Pass

Note: As European standards continue to develop, please contact Firestone's Technical Department or visit www.firestonebpe.com for the latest updates on physical properties.

7. Packaging / Storage / Shelf life

Thickness	Width	Length	Weight (incl. Packaging)
1.3 mm (1.2 mm EPDM membrane & 0.1 mm adhesive layer)	75 cm	20 m	1.57 kg/m ²

Packaging & Waste handling: The membrane and the packaging are properly identified. Rolls can be supplied in cardboard boxes (36 rolls per box). Both the carton boxes and the release liners (siliconised PP film) can be recycled.

Storage: Store at moderate temperatures (15°C - 25°C) in a dry, well-ventilated area. Protect from direct sunlight. Keep the product away from sources of punctures and physical damage, and away from ignition sources and open flame. When stored on jobsite, membrane must be kept dry.

Shelf life: 18 Months can be expected if stored in above-mentioned conditions. Verify production date on the packaging of each roll. Shelf life will be reduced if exposed to higher temperatures. Shelf life information is only a recommendation and not a fact of life. The real expiration date highly depends on the history of storage and handling of the product.

8. Precautions

- Take care when moving, transporting and handling to avoid sources of punctures and physical damage.
- Removal of the polymeric release liner from the adhesive backing may create a static electric charge; care should be used when removing and handling the release liner.
- Refer to Product Safety Information Sheet (PSIS) for additional safety information.

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