

RubberCover™ EPDM Membrane 1.1 mm

1. Description

The Firestone RubberCover™ EPDM membrane is a 100% cured single-ply roofing membrane made of a synthetic rubber Ethylene-Propylene-Diene Terpolymer.



2. Preparation

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.

3. Application

Allow the membrane to relax for approximately 30 minutes before adhering it to the substrate. Install the RubberCover EPDM membrane in accordance with the installation instructions and details.

4. Coverage

The dimensions of the membrane are calculated to cover the substrate and possible upstands. Provide an additional length (150 mm) at upstands for easy manipulation.

5. Characteristics

Physical

- Elastomeric membrane with a good combination of high elasticity and tensile strength.
- Excellent resistance to UV and ozone.
- Retains its elasticity even at temperatures as low as -45°C.
- Resists to temperature shocks up to 130°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
Thickness	EN 1849-2	1.1 mm
Mass per unit area	EN 1849-2	1.35 kg/m ²
Watertightness	EN 1928	Pass
Tensile strength (L/T)	EN 12311-2	≥ 7 N/mm ²
Elongation (L/T)	EN 12311-2	≥ 300 %
Resistance to static load – hard surface	EN 12730 (B)	≥ 20 kg
Resistance to impact – hard surface	EN 12691 (A)	≥ 200 mm
Tear resistance (L/T)	EN 12310-2	≥ 40 N
UV exposure	EN 1297	Pass (≥ 7500h)
Foldability at low temperature	EN 495-5	≤ -45°C
Dimensional stability	EN 1107-2	≤ 0.5%
Reaction to fire	EN 13501-1	E

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.

Technical Information Sheet



7. Packaging/ Storage/ Shelf life

Thickness	Width	Length	Weight (incl. Packaging)
1.1 mm	3.05 m	7.62 m	1.67 kg/m ²
	4.57 m	30.50 m	
	6.10 m		

Note: Membranes may be available in additional panel sizes, please contact your Firestone Representative.

Storage: Store away from sources of punctures and physical damage. Store away from ignition sources and open flame.

Shelf life: Unlimited.

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