

RubberCover™ EPDM membrane

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	<ul style="list-style-type: none">■ Elastomeric membrane with a good combination of high elasticity and tensile strength.■ Excellent resistance to U.V. and ozone.■ Retains its flexibility at low temperature (-45°C).■ Resists to temperature shocks up to 250°C.■ Excellent resistance to alkali rains.■ Less resistant to oil products. Contact with mineral and vegetable oils, petroleum based products, hot bitumen and grease must be avoided.																																	
Technical	<table><thead><tr><th>Property</th><th>Test Method</th><th>Declared value</th></tr></thead><tbody><tr><td>■ Thickness</td><td>EN 1849-2</td><td>1.0 mm</td></tr><tr><td>■ Watertightness</td><td>EN 1928 (B)</td><td>Pass</td></tr><tr><td>■ Tensile strength (L/T)</td><td>EN 12311-2 (B)</td><td>≥ 6 N/mm²</td></tr><tr><td>■ Elongation (L/T)</td><td>EN 12311-2 (B)</td><td>≥ 300 %</td></tr><tr><td>■ Resistance to impact - hard substrate</td><td>EN 12691 (A)</td><td>≥ 200 mm</td></tr><tr><td>■ Resistance to static load - hard substrate</td><td>EN 12730 (B)</td><td>≥ 25 kg</td></tr><tr><td>■ Tear resistance (L/T)</td><td>EN 12310-2</td><td>≥ 30 N</td></tr><tr><td>■ Dimensional stability</td><td>EN 1107-2</td><td>≤ 0.5 %</td></tr><tr><td>■ Foldability at low temperature</td><td>EN 495-5</td><td>≤ - 45°C</td></tr><tr><td>■ UV exposure</td><td>EN 1297</td><td>Pass</td></tr></tbody></table>	Property	Test Method	Declared value	■ Thickness	EN 1849-2	1.0 mm	■ Watertightness	EN 1928 (B)	Pass	■ Tensile strength (L/T)	EN 12311-2 (B)	≥ 6 N/mm ²	■ Elongation (L/T)	EN 12311-2 (B)	≥ 300 %	■ Resistance to impact - hard substrate	EN 12691 (A)	≥ 200 mm	■ Resistance to static load - hard substrate	EN 12730 (B)	≥ 25 kg	■ Tear resistance (L/T)	EN 12310-2	≥ 30 N	■ Dimensional stability	EN 1107-2	≤ 0.5 %	■ Foldability at low temperature	EN 495-5	≤ - 45°C	■ UV exposure	EN 1297	Pass
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Note: As European standards continue to develop, please contact Firestone Technical Services or check Firestone RubberCover™ Website for latest updates on physical properties.

6. Packaging / Storage / Shelf Life

Thickness (mm)	Width (m)	Length (m)	Weight (kg/m ²)
1.0	3.05 - 4.57 - 6.10	7.62	1.17

Note: Special sizes are available upon request.

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

Shelf Life: Unlimited.

