

# Technical Information Sheet

## RubberCover™ EPDM Membrane

Packaging	Part Number
1.1 mm from 3.05 m to 6.10 m x 7.62 m per roll	W56RC4XXXX
1.5 mm from 3.05 m to 4.57 m x 7.62 m per roll	W56RC6XXXX

*Note: membranes are folded or non-folded and available in various panel sizes. Please contact your Elevate Representative for more details.*

### Description

The Elevate™ RubberCover EPDM LSFR (Low Slope Fire Retardant) membrane is a 100% cured roofing membrane made of a synthetic rubber Ethylene-Propylene-Diene Terpolymer. The sheet is made of two plies of identical compound.

### Preparation

The roofing 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.

### Method of 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.

### 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.

### 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.
- Resistant to temperature shocks up to 130°C.
- Excellent resistance to acid rains. Contact with mineral and vegetable oils, petroleum based products, hot bitumen and grease must be avoided.

Technical	Test method	Declared value 1.1 mm	Declared value 1.5 mm
Thickness	EN 1849-2	1.1 mm	1.5 mm
Mass per unit area	EN 1849-2	1.35 kg/m <sup>2</sup>	1.85 kg/m <sup>2</sup>
Watertightness	EN 1928 (B)	Pass	Pass
Tensile strength (L/T)	EN 12311-2 (B)	≥ 7 N/mm <sup>2</sup>	≥ 7 N/mm <sup>2</sup>
Elongation (L/T)	EN 12311-2 (B)	≥ 300%	≥ 300%
Resistance to static load	EN 12730 (B)	≥ 20 kg	≥ 20 kg
Resistance to impact	EN 12691 (B)	≥ 1700 mm	≥ 2000 mm
Tear resistance (L/T)	EN 12310-2	≥ 40 N	≥ 40 N
UV exposure	EN 1297	Pass (≥ 7500 h)	Pass (≥ 7500 h)
Foldability at low temperature	EN 495-5	≤ -45°C	≤ -45°C
Dimensional stability	EN 1107-2	≤ 0.5%	≤ 0.5%
Reaction to fire	EN 13501-1	E	E

Note: As European standards continue to develop, please contact our Technical Department or visit [www.holcimelevate.com](http://www.holcimelevate.com) for the latest updates on physical properties.

## Storage

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

## Shelf Life

Unlimited.

## Precautions

Take care when moving, transporting and handling to avoid sources of punctures and physical damage. Refer to Product Safety Information Sheet (PSIS) for additional safety information.

### Note:

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