

Technical Information Sheet



RubberGard™ Neoprene Membrane

Item Description	Item Number
24" x 100' (0.6 x 30.5 m)	W563581600
48" x 100' (1.2 x 30.5 m)	W563581602

Description

RubberGard Neoprene Membrane is a self-curing material used as a protection layer over RubberGard EPDM Membrane. Neoprene Membrane is used to protect EPDM roofing systems from rooftop contaminants (i.e., grease, animal fats). Neoprene must be installed in accordance with current RubberGard specifications.

Product Packaging			
Membrane Thickness	Width	Length	Weight
0.060" (1.52 mm)	24" (0.6 m)	100' (30.5 m)	0.43 lb/ft ² (2.1 kg/m ²)
0.060" (1.52 mm)	48" (1.2 m)	100' (30.5 m)	0.43 lb/ft ² (2.1 kg/m ²)

Product Preparation

1. Substrates to receive Neoprene Membrane must be clean, dry, smooth, and free of sharp edges, fins, loose or foreign materials, oil, grease, and other materials that may damage the membrane.
2. All roughened surfaces that can damage the membrane shall be repaired as specified to offer a smooth substrate.
3. All surface voids greater than ¼" (6 mm) wide shall be properly filled with an acceptable fill material.

Method of Application

1. Install RubberGard Neoprene in accordance with current RubberGard specifications, details, and workmanship requirements.
2. Neoprene may be used to tie-in RubberGard roofs to existing built-up roofs, although the tie-ins are not warranted by Elevate.
3. Neoprene may be used in conjunction with grease catch pans to protect RubberGard roofing systems from grease/oil exposure. Consult Holcim Technical Services for specific precautions and application when contaminants will come in contact with the RubberGard roofing system.
4. Use of heat guns during cold weather will improve workability of membrane; but a wide nozzle should be used, and care should be taken not to localize heat, as damage to the membrane may result.

Storage

- Store away from sources of puncture and physical damage.
- Store in original unopened cartons between 60 °F (16 °C) and 80 °F (27 °C) until ready for use.
- Rotate stock to insure stored material will not extend beyond the shelf life of 12 months from manufacture date.
- Do not store in direct sunlight or elevated temperatures until use, as this hastens cure.

Shelf Life

Shelf life of twelve months from date of manufacture can be expected when stored at temperature between 60 °F (16 °C) and 80 °F (27 °C). Shelf life will be shortened if product is exposed to elevated temperatures.

Precautions

- Take care when moving, transporting, handling, etc. to avoid sources of punctures and physical damage.
- Neoprene is produced and sold typically in an uncured state and cures after installation. However, cure may take place in warehouse before it is delivered to the rooftop (typically, one year of storage is needed for full cure). If curing occurs, the material is suitable as a cured protection layer.
- Refer to Safety Data Sheets (SDS) for safety information

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 after Vulcanization* (Meets or exceeds the minimum requirements of ASTM D 4811 Type II)		
Property	Test Method	Performance Minimum
Thickness, min	D412	0.055" (1.4 mm)
Tensile Strength, min	D412 (Die C)	1205 psi (8.3 MPa)
Elongation, min	D412 (Die C)	250 %
Tear Resistance, min	D624 (Die C)	125 lbf/in (22 k/Nm)
Brittleness Point, max	D2137	-31 °F (-35 °C)
Tensile Set, max	D412	10 %
Ozone Resistance (7X)	D1149	No Cracks
Heat Aging, Air Oven:	D573	
Tensile Strength, min	D412 (Die C)	1205 psi (8.3 MPa)
Elongation, ultimate, min	D412 (Die C)	200 %
Tear Resistance, min	D624 (Die C)	125 lbf/in (22 kN/m)
Water Absorption, weight change, max	D471	+8, -2 %
Linear Dimensional Change, max	D1204	±2 %
Weatherability, no cracks or crazing	D518	Pass

*Exposed to 320 °F (160 °C) for 20 ± 2 minutes

Please contact Holcim Technical Services at 800-428-4511 for further information.

This sheet is meant to highlight Elevate products and specifications and is subject to change without notice. Holcim takes responsibility for furnishing quality materials that meet published Elevate product specifications or other technical documents, subject to normal manufacturing tolerances. Neither Holcim nor its representatives practice architecture. Holcim offers no opinion on and expressly refuses any responsibility for the soundness of any structure. Holcim accepts no liability for structural failure or resultant damages. Consult a competent structural engineer prior to installation if the structural soundness or structural ability to properly support a planned installation is in question. No Holcim representative is authorized to vary this disclaimer.

Firestone, the brand of premier roofing, wall, and lining systems you know and trust, will be coming to you under a new name: Elevate. During our transition, products carrying the brand name **Firestone** will change to **Elevate** on product labels and packaging, Technical Information Sheets, and elsewhere. Only the brand name is changing. Our products remain the same.

For further information on our brand transition to Elevate, scan the code below with your smartphone, or visit our website: www.holcimelevate.com

