Technical Information Sheet

RUBBERGARD™ NEOPRENE MEMBRANE

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

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/ft2 (2.1 kg/m2)

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 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 the 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 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: Tensile Strength, min Elongation, ultimate, min Tear Resistance, min	D573 D412 (Die C) D412 (Die C) D624 (Die C)	 1205 psi (8.3 MPa) 200 % 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