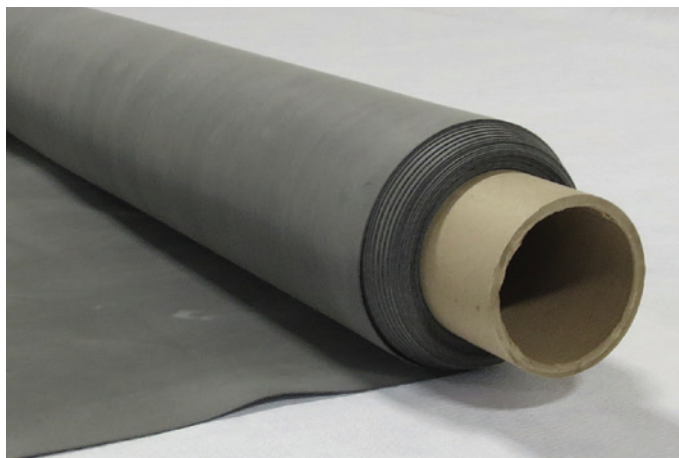


# VersiGard® Black ECO/CO Polyepichlorohydrin Membrane



## Overview

Versico's VersiGard Black ECO/CO Polyepichlorohydrin membrane is a non-reinforced 60-mil-thick (1.5 mm) polymer-based elastomeric roof overlayment that provides increased resistance to minor or incidental spills from hydrocarbons, aromatic solvents, grease and oils. This product is available in 10' x 50' (3m x 15m) rolls.

## Features and Benefits

- Provides increased resistance to hydrocarbons, aromatic solvents, grease and oils
- Compatible with Versico VersiGard EPDM membrane and accessories

## Installation

Note: Roof Slope shall be a minimum of 1/4":12".

### Adhered/Mechanically Fastened EPDM Roofing Systems

1. ECO/CO can be adhered to an underlying adhered or mechanically attached EPDM roofing system using Versico's G200SA Yellow Substrate Adhesive or Low-VOC Bonding Adhesive. Do not apply bonding adhesive within 6" of the ECO/CO membrane edge or underlying membrane.
2. Splice the ECO/CO to the underlying membrane by first cleaning the splice area with Weathered Membrane Cleaner.
3. Apply V-150 or Low-VOC Primer to the ECO/CO and underlying membranes. After the primer has properly flashed off, install VersiGard Quick-Applied Seam Tape and create a seam between the two membranes following Versico's VGC-2.1A detail.
4. Using a 2"-wide roller, roll the area where the VersiGard Quick-Applied Seam Tape was applied.

### Ballasted EPDM Roofing Systems

1. After the EPDM membrane has been installed, overlay with ECO/CO membrane. The ECO/CO membrane can be loose-laid. Adhesive is not required for this installation.
2. Splice the ECO/CO to the underlying membrane by first cleaning the splice area with Weathered Membrane Cleaner.
3. Apply V-150 or Low-VOC Primer to the ECO/CO and underlying membranes. After the primer has properly flashed off, install VersiGard Quick-Applied Seam Tape and create a seam between the two membranes following Versico's VGC-2.1A detail.
4. Using a 2"-wide roller, roll the area where the VersiGard Quick-Applied Seam Tape was applied.
5. Install the ballast in accordance with the job specification or Versico's specifications.

REVIEW CURRENT VERSICO SPECIFICATIONS AND DETAILS FOR SPECIFIC INSTALLATION REQUIREMENTS.

## Precautions

- Use proper stacking procedures to ensure sufficient stability of the materials.
- Exercise caution when walking on wet membrane. Membranes are slippery when wet.

# VersiGard Black ECO/CO

## Polyepichlorohydrin Membrane

### Typical Properties and Characteristics

Sizes	Test Method	SPEC. (PASS)	Typical
Tolerance on Nominal Thickness, %	ASTM D412	±10	±10
Tensile Strength, min, psi (MPa)	ASTM D412	1305 (9.0)	1550 (10.7)
Elongation, Ultimate, min, %	ASTM D412	200	250
Tear Resistance, min, lbf/in (kN/m)	ASTM D624 (Die C)	150 (26.3)	225 (39.4)
Resistance to Heat Aging* Properties after 168 hours @ 240°F (116°C)			
Tensile Strength, min, psi (MPa)	ASTM D412	1305 (9.0)	1500 (10.3)
Elongation, Ultimate, min, %	ASTM D412	150	182
Ozone Resistance* Condition after exposure to 100 pphm Ozone in air for 168 hours @ 104°F (40°C) Specimen is at 50% strain	ASTM D1149	No Cracks	No Cracks
Brittleness Temp., max, deg. F (deg. C)*	ASTM D746	-20 (-29)	-20 (-29)
Water Vapor Permeance* max, perms (60-mil thickness)	ASTM E96 (Proc. B or BW)	No ASTM Spec.	0.60
Resistance to Oil Aging* Change in mass, max, % after 7 days immersion in diesel fuel #2 at 158°F (70°C)	ASTM D471	+15	+15

Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.

\*Not a Quality Control Test due to the time required for the test or the complexity of the test. However, all tests are run on a statistical basis to ensure overall long-term performance of the sheeting.

### LEED® Information

Pre-consumer Recycled Content	0%
Post-consumer Recycled Content	0%
Manufacturing Location	Carlisle, PA



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