

Pressure-Sensitive Inside/Outside Corners



Overview

Sure-Seal® and Sure-White® EPDM Pressure-Sensitive (PS) Inside/Outside Corners are 60-mil (1.5 mm) uncured Elastoform Flashing laminated to 30-mil (.75 mm) fully cured, PS adhesive provides 90 mils (2.25 mm) of total thickness. PS Inside/Outside Corners are ideal for installing both inside and outside corners on all Carlisle EPDM Roofing Systems. Sure-White Inside/Outside Corners may also be used on Sure-Weld® TPO roofing membranes. Inside/Outside Corners can also be used as a T-Joint Cover at field splice intersections or at horizontal-to-vertical transitions of field splices.

Features and Benefits

- » Black, White, and Gray corner dimensions are 7" x 9" and are packaged 20 per carton
- » Pre-cut corners increase installation speed by eliminating cutting time and reducing adhesive application requirements
- » Combine with PS Curb Flashing for maximum productivity
- » Cleaner appearance as all corners are pre-cut to the same size
- » Approved for use on EPDM and TPO membranes

Installation

1. The entire surface where the PS Inside/Outside Corner will be applied must be clean. The adhesive on the back of the PS Inside/Outside Corner will not adhere to dusted or dirty surfaces. Any residual contamination will be detrimental to the bond strength of the adhesive.
2. Remove all foreign material.
 - a. Remove Excess mica dust by brooming or wiping with a clean, dry rag or Carlisle HP Splice Wipe.

- b. The use of Weathered Membrane Cleaner may be necessary. This process is essential on membrane that has been exposed for a number of weeks.

Note: Permeation-resistant gloves (that meet ANSI/ISEA 105-2005) are required for hand protection when cleaners or primers are being used.

- c. Allow the membrane to dry thoroughly before proceeding.
3. Application of HP-250 Primer, TPO Primer, or Low-VOC Primer
 - a. Standard EPDM Membrane – Apply the appropriate primer with a clean HP Splice Wipe (or equivalent). Scrub the membrane area where the PS Corner/T-Joint Cover is to be applied in a circular motion to achieve a thin, even coating on the membrane. The properly cleaned/primed area will be uniform in color and free of streaks, globs, or puddles.
 - b. Pre-Kleened™ EPDM or TPO Membrane – Roller-apply the appropriate primer to the membrane with a short nap length paint roller. The coated area will be free of streaks, globs, or puddles.

Note: Using excessive amounts of primer will not enhance adhesion of the PS Corner/T-Joint Cover to the membrane. Use only the necessary amount to obtain 100% coverage of the area where the PS Corner/T-Joint Cover will be applied.
 - c. Membrane type determines which primer to use. HP-250 Primer is used with EPDM membranes. TPO Primer is used with TPO membranes. Low-VOC Primer can be used with either TPO or EPDM membrane.
 4. Allow the primer to properly flash off until it does not transfer to a dry finger touch. Install the PS Inside/Outside Corner as soon as the primer flashes off to minimize potential dust contamination and promote adhesion in colder weather.
 5. Install the PS Inside/Outside Corner according to the appropriate U-15 Detail.
 6. Immediately roll the Inside/Outside Corner with a 2" (50 mm) wide roller, using positive pressure.
 7. To achieve proper adhesion of the PS Inside/Outside Corners when jobsite temperatures fall below 40°F (5°C), heat the primed area of the membrane with a hot-air gun as the flashing is applied and pressed into place.

Review Carlisle specifications and details for complete installation information.

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Precautions

- » Avoid prolonged contact with skin. In case of contact with skin, thoroughly wash affected area with soap and water.
- » Prolonged jobsite storage temperatures in excess of 90°F (32°C) will shorten product shelf life.
- » In warm, sunny weather, keep PS Inside/Outside Corners in their box in a shaded area until ready to use.
- » PS Inside/Outside Corners must be stored in a dry area.
- » Storage and use of PS Inside/Outside Corners at temperatures below 40°F (4°C) will result in a loss of adhesive tack and, in extreme cases, will result in no bond to the substrate. Overnight storage must be available to keep the temperature of the PS Inside/Outside Corners at a minimum of 60°F (15°C). Hot boxes for jobsite storage must be provided to maintain a minimum product temperature of 40°F (4°C).
- » Due to solvent flash-off, condensation may form on applied primer when the ambient temperature is near the dew point. If condensation develops, the application of primer and PS Inside/Outside Corners must be discontinued as proper adhesion will not be achieved. Allow the surface to dry before applying a thin coat of primer and PS Inside/Outside Corners to the previously coated surface.
- » Do not allow waste products (petroleum, grease, oil, solvents, vegetable or mineral oil, animal fats, etc.) or direct steam venting to come in contact with the PS Inside/Outside Corners.
- » A heat gun is required for forming outside corners in colder temperatures as outlined in the current specifications.
- » KEEP OUT OF THE REACH OF CHILDREN.

Typical Properties and Characteristics

Sizes	7" x 9" (175 mm x 225 mm)
Color	Black, White, or Gray
Packaging	20/carton
Weight	5 lbs/carton (2 kg)
Shelf Life	9 months when stored between 60° and 80°F (15° to 27°C)

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.

Sure-Seal and Sure-White Pressure-Sensitive Inside/Outside Corners meets or exceeds the minimum requirements set forth by ASTM D4811 for a Type 1 (EPDM). Class V (cures on the roof) flashing material.

LEED® Information

Pre-consumer Recycled Content	2% (Sure-Seal Black Only)
Post-consumer Recycled Content	0%
Manufacturing Location	Greenville, IL
Solar Reflectance Index (SRI)	N/A