

Sure-White® EPDM

Pressure-Sensitive T-Joint Covers



Overview

Let Carlisle simplify your next EPDM installation with their Sure-White EPDM Pressure-Sensitive (PS) T-Joint Covers. The 6" PS T-Joint Cover combines 60 mil (2.4 mm), uncured Elastoform Flashing® laminated to 30-mil (0.75 mm), fully cured PS adhesive providing 90 mils (3.5 mm) of total thickness.

PS T-Joint Covers are used to seal field splice intersections, horizontal-to-vertical transitions of field splices, and 30-year outside corner details on Sure-White EPDM membrane roofing systems.

Features and Benefits

- » Available in 6" x 6"
- » Pre-cut flashing with rounded corners increases installation speed by eliminating the need for cutting
- » Combine with Sure-White 20" Pressure-Sensitive Cured Flashing for maximum productivity and a cleaner, more uniform appearance across the roof
- » Approved for use on EPDM and TPO membranes

Installation

1. The entire surface where the PS T-Joint Cover will be applied must be clean. The adhesive on the back of the PS T-Joint Cover will not adhere to dusted or dirty surfaces. Any residual contamination will be detrimental to the bond strength of the adhesive.

2. Remove dirt and excess dust from the splice area by wiping with a clean rag. If necessary, clean the splice area thoroughly with Weathered Membrane Cleaner and allow to dry completely before proceeding.

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

3. Application of HP-250 Primer, TPO Primer, or Low-VOC Primer
 - a. Standard Membrane - Apply the primer with a clean HP Splice Wipe (or equivalent). Scrub the area of the membrane (where the PS 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 without streaks and free of globs or puddles.
- b. Pre-Kleened™ EPDM or TPO Membrane - Roller-apply the primer to the membrane with a short nap-length paint roller. The coated area will be free of globs or puddles.

Note: Membrane type determines which primer to use. TPO Primer is used with TPO, HP-250 Primer is used with EPDM, and Low-VOC Primer can be used with both TPO and EPDM.

Note: The use of excessive amounts of primer will not significantly enhance the adhesion of the PS T-Joint Cover to the membrane. Use only the amount necessary to obtain 100% coverage of the area where the PS T-Joint Cover will be applied.

4. For EPDM systems only, apply a 5/16"-diameter (8 mm) bead of Sure-White EPDM Lap Sealant 1/2" (13 mm) in each direction from the membrane intersection according to detail U-2-A.
5. Allow the primer to properly flash off until it does not transfer to a dry finger touch. Install the PS T-Joint Cover as soon as the primer flashes off to minimize potential dust contamination and promote adhesion in colder weather.
6. Immediately roll the PS T-Joint Cover with a 2"-wide (50 mm) roller, using positive pressure. **Carefully** roll the area where lap sealant was applied using light pressure.
7. To achieve proper adhesion of the PS T-Joint Cover when jobsite temperatures fall below 40°F (4°C), heat the cleaned/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 T-Joint Covers in their box in a shaded area until ready to use.
- » Storage and use of PS T-Joint Cover 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.
- » PS Elastoform must be stored in a dry area. It is recommended to store the flashing below 80°F (27°C) to ensure maximum formability and shelf life.
- » PS T-Joint Cover must be stored in a dry area.
- » Due to solvent flash-off, condensation may form on freshly applied primer when the ambient temperature is near the dew point. If condensation develops, the application of primer and PS T-Joint Cover must be discontinued as proper adhesion will not be achieved. Allow the surface to dry and apply a thin freshener coat of primer to the previously coated surface and apply PS T-Joint Cover when conditions allow.
- » 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 T-Joint Cover.
- » KEEP OUT OF THE REACH OF CHILDREN.

Typical Properties and Characteristics

Sizes	6" x 6" (150 mm x 150 mm)
Color	White
Packaging	20/carton
Weight	3 lbs/carton (1.35 kg) for 6" x 6"
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-White Pressure-Sensitive Elastoform Flashing 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	0%
Post-consumer Recycled Content	0%
Manufacturing Location	Greenville, IL
Solar Reflectance Index (SRI)	N/A