



PRODUCTS FOR OUR ENVIRONMENT

TECHNICAL DATA SHEET

ERS-TPO Cover Strip

For Professional Use Only



PRODUCT DESCRIPTION:

ERS-TPO Cover Strip is a nominal 40-mils (1.02 mm) thick non-reinforced TPO membrane laminated to a nominal 35-mil (0.89 mm) thick, fully cured synthetic rubber pressure sensitive adhesive. ERS-TPO Cover Strip is available in 6" wide (152 mm) x 100' (30.5 m) long rolls.

USES:

ERS-TPO Cover Strip is intended to strip-in flat metal flanges (i.e. drip edge or self-flashing curb flanges) or rows of fasteners and plates. TPO Cover Strips cannot be used for flashing corners, pipes, T-joints, butt joints on ERS-TPO FB Membrane or any angled metal flanges such as gravel stops or other canted metal edgings. ERS-TPO Cover Strip cannot be used on 20-year warranted projects.

PHYSICAL CHARACTERISTICS:

Typical Physical Properties		
Properties	ASTM Test Method	Specification
Tensile Strength, psi (MPa)	ASTM D 412	2,500 (17.2) minimum 2,900 (20.0) typical
Elongation, %	ASTM D 412	600 minimum 750 typical
Hardness, Shore A	ASTM D 2240	Typical 93

Characteristics	
Color	White, Tan, Gray
Base	Membrane - Non-reinforced TPO Adhesive - Synthetic Rubber
Solids	100%
Nominal Thickness	0.075" (1.9mm)
Nominal Width	Membrane - 6" (150mm) Adhesive - 6-3/16" (157mm)
Nominal Length	100 ft.
Net Weight per Roll	22 lbs
Packaging	Two Rolls/Carton
Shelf Life	1 Year

STORAGE:

Material should be stored in a clean, dry area and protected from extreme temperatures. Prolonged job site storage temperatures in excess of 90°F (32°C) may affect product shelf life. In warm, sunny weather; keep ERS-TPO Cover Strip rolls in their box or in a shaded area until ready to use. Storage and use of TPO Cover Strip 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 ERS-TPO Cover Strip at a minimum of 60°F (15°C). Hot boxes for job site storage must be provided to maintain a minimum product temperature of 40°F (4°C).

PRECAUTIONS:

Avoid prolonged contact with skin. In case of contact with skin, thoroughly wash affected area with soap and water. Due to solvent flash-off, condensation may form on freshly applied ERS-EPDM/TPO Tape Primer when the ambient temperature is near the dew point. If condensation develops, the application of RES-EPDM/TPO Tape Primer and ERS-TPO Cover Strip must be discontinued since proper adhesion will not be achieved. Allow the surface to dry and apply a thin freshener coat of ERS-EPDM/TPO Tape Primer to the previously coated surface and apply ERS-TPO Cover Strip 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 ERS-TPO Cover Strip.

KEEP OUT OF THE REACH OF CHILDREN

INSTALLATION:

1. Clean the existing membrane (and metal if applicable) with ERS-Weathered Membrane Cleaner and natural fiber rags. A Scotch-Brite® Pad may be necessary to remove a heavy build-up of dirt. Pour a small amount of ERS-Weathered Membrane Cleaner over a primer pad and rub area to be welded in a circular motion. Wipe away residual dirt with clean rags.
2. Using a clean Scotch-Brite® Pad, apply ERS-Tape Primer to the area of the membrane to be flashed. The properly primed area will be uniform in color without streaks and free of globs or puddles.
3. The entire surface where the flashing will be applied must be clean. The adhesive on the back of the ERS-TPO Cover Strip will not adhere to dusted/dirty surfaces. Any residual surface contamination will be detrimental to the bond strength of the adhesive.
4. Install cover strip immediately after the ERS-EPDM/TPO Tape Primer flashes off to minimize potential dust contamination and to promote adhesion in colder weather.
5. Peel off 10-12" (250-300 mm) of the protective release liner from the ERS-TPO Cover Strip. Position the flashing over the area to be covered and press down the exposed tape adhesive using firm, even hand pressure across the entire area. Continue this process until the full area to be flashed is completed. (ERS-TPO Cut-Edge Sealant is not required on edges of the RES-TPO Cover Strip).
6. Immediately roll the ERS-TPO Cover Strip with a 2" (50-mm) wide neoprene roller using positive pressure. Roll across the cover strip edge, not parallel to it. **In areas where the TPO Cover Strip crosses a metal joint, a membrane seam (T-joint) or at an end lap, use a hot air gun to heat the top surface (TPO membrane) of the ERS-TPO Cover Strip and crease the material into the step-off.** This process reduces the possibility of a water channel forming.
7. To achieve proper adhesion of the ERS-TPO Cover Strip when job site temperatures fall below 40°F (5°C), heat the cleaned/primed area of the membrane with a hot air gun as the flashing is applied and pressed into place.

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