



CARLISLE'S PRESSURE-SENSITIVE OVERLAYMENT STRIP



Overview

Let Carlisle simplify your next EPDM installation with its Pressure-Sensitive Overlayment Strip. The 70-mil PS Overlayment strip reduces waste and time associated with liquid adhesives that are typical of most flashing details. Carlisle's PS Overlayment Strip will speed up any roofing job, saving you valuable time and money.

Intended Uses

Pressure-Sensitive Overlayment Strip is designed for stripping in gravel stops, metal edging, drip edges and Carlisle Seam Fastening Plates. PS Overlayment Strip must be used in conjunction with Carlisle EPDM Primer.

Features and Benefits

- Available in 6'- & 9'-wide by 100'-long and 12'-wide by 50'-long rolls
- Ideal for stripping in gravel stops, metal edging, drip edges and seam fastening plates
- 40-mil semi-cured EPDM laminated to a 30-mil fully cured, synthetic rubber-based, pressure-sensitive adhesive
- Resists tearing, cracking and abrasion in all weather conditions
- Speeds installation by up to 50%, reducing labor costs

Installation*

1. The entire surface where the PS Overlayment Strip will be applied must be clean. The adhesive on the back of the PS Overlayment Strip will not adhere to dusted/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.

This process is essential on membrane that has been exposed for a number of weeks.

3. Application of Carlisle EPDM Primer:
 - a. Standard Membrane: Apply the primer using a clean HP Splice Wipe. SCRUB the area of the membrane to be flashed in a circular motion to achieve a thin, even coating. The properly primed area will be uniform in color without streaks and free of globs or puddles.
 - b. PRE-KLEENED™ Membrane: Roller-apply the primer to the area of the membrane to be flashed with a short nap-length paint roller. The coated area will be free of globs or puddles.
4. Allow the primer to dry until it does not transfer to a dry finger touch. Install PS Overlayment Strip immediately to minimize potential dust contamination and promote adhesion in colder weather.
5. Peel off 10 – 12" (250–305 mm) of the protective release liner from the PS Overlayment Strip. Position the overlayment strip 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.
6. Immediately roll the PS Overlayment Strip with a 2" (50 mm) wide steel roller, using positive pressure. Roll across the overlayment strip edge, not parallel to it.
7. Apply Lap Sealant at overlaps in PS Overlayment Strip or at joints in the metal edging according to the appropriate detail.
8. To achieve proper adhesion of the PS Overlayment Strip 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 CURRENT CARLISLE SPECIFICATIONS AND DETAILS FOR SPECIFIC APPLICATION REQUIREMENTS.



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Precautions

1. Avoid prolonged contact with skin. In case of contact with skin, thoroughly wash affected area with soap and water.
2. Prolonged jobsite storage temperatures in excess of 90°F (32°C) may affect product shelf life.
3. In warm, sunny weather, keep PS Overlayment Strip rolls in their box or in a shaded area until ready to use.
4. PS Overlayment Strip must be stored in a dry area.
5. Storage and use of PS Overlayment 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 PS Overlayment Strip 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).
6. 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 Overlayment Strip must be discontinued as proper adhesion will not be achieved. Allow the surface to dry before applying a thin coat of primer and PS Overlayment Strip to the previously coated surface.
7. PS Overlayment Strip is cured and cannot be used for flashing corners or pipes.
8. 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 Overlayment Strip.
9. KEEP OUT OF THE REACH OF CHILDREN.

Pressure-Sensitive Overlayment Strip

Typical Properties and Characteristics

Color	Black
Base	
Membrane	EPDM
Adhesive	Synthetic Rubber
Tensile Strength	800 psi (5.5 Mpa) minimum
Elongation	500 – 700%
Tear Resistance	110 – 120 lbs./in. (19.2 – 21.0 kN/m)
Ozone Resistance	No Cracks
Condition after exposure to 100 pphm Ozone in air for 168 hrs. @ 104°F (40°C) (Specimen under 50% strain)	
Brittleness Temp	-49°F (-45°C)
Nominal Thickness	70-mil (1.78 mm)
Nominal Width	6" (150 mm); 9" (230 mm); 12" (305 mm)
Membrane	6 3/16" (155 mm); 9 3/16" (235 mm); 12 3/16" (310 mm)
Adhesive	
Net Weight per Roll	6" = 23 lbs. (10 kg) 9" = 38 lbs. (17 kg) 12" = 22 lbs. (10 kg)
Packaging	6" (150 mm) = 2 rolls/carton (100 ft ²) 9" (230 mm) = 1 roll/carton (75 ft ²) 12" (310 mm) = 1 roll/carton (50 ft ²)
Shelf Life	1 year