

CARLISLE'S

PRESSURE-SENSITIVE ELASTOFORM FLASHING



Overview

Let Carlisle simplify your next GeoEPDM installation with its Pressure-Sensitive Elastoflashing. A nominal 60-mil (1.5 mm) thick, uncured, EPDM membrane laminated to a nominal 30-mil (.76 mm) thick, fully cured pressure-sensitive adhesive. The flashing membrane is easily malleable and highly adaptable to irregular shapes and surfaces. It is self-curing and can be used to flash pipes, columns and other structures and penetrations. The clear, poly release liner on the 12"-wide product is pre-slit down the center allowing the applicator to partially remove the liner which makes it easier to handle during installation.

Intended Uses

It is ideal for field-wrapping large (greater than 6") or irregular pipes or penetrations.

Features and Benefits

- Available in 9"-and 12"-wide by 50' rolls
- Adaptable to irregular shapes and surfaces
- Self-curing membrane
- Labor and cost savings in field applications

Installation*

1. The entire surface where the PS Elastoflashing will be applied must be clean. The adhesive on the back of the PS Elastoflashing will not adhere to dusty 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. This process is essential on membrane that has been exposed for a number of weeks.
 3. Application of Carlisle EPDM Primer:
 - a. Standard GeoEPDM 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. Membrane cleaned with Weathered Membrane Cleaner: 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 Carlisle EPDM Primer to dry until it does not transfer to a dry finger touch. Install Elastoflashing immediately to minimize potential dust contamination and promote adhesion in colder weather.
 5. Position the flashing over the area to be covered and press down on 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 Elastoflashing with a 2" (50 mm)-wide steel roller, using positive pressure. Roll across the flashing edge, not parallel to it.
 7. To achieve proper adhesion of the PS Elastoflashing 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.
 8. Carlisle's PS Elastoflashing is used to flash many different geomembrane structures and penetrations. The specific method of applying the flashing for each individual situation is different. The appropriate Carlisle specification and/or detail must be consulted prior to application.
- * REVIEW CURRENT CARLISLE SPECIFICATIONS AND DETAILS FOR SPECIFIC APPLICATION REQUIREMENTS.

Precautions

1. Avoid prolonged contact with skin. In case of contact with skin, thoroughly wash affected area with soap and water.
2. Prolonged job-site storage temperatures in excess of 90°F (32°C) may affect product shelf life.



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3. In warm, sunny weather, keep PS Elastoform Flashing rolls in their box or in a shaded area until ready to use.
4. Storage and use of PS Elastoform Flashing 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 Elastoform Flashing 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).
5. PS Elastoform Flashing must be stored in a dry area.
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 Elastoform Flashing must be discontinued since proper adhesion will not be achieved. Allow the surface to dry and apply primer to the previously coated surface, and apply PS Elastoform Flashing when conditions allow.
7. 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 Elastoform Flashing.
8. A heat gun is required when forming PS Elastoform Flashing in colder temperatures as outlined in the specification.
9. KEEP OUT OF THE REACH OF CHILDREN.

Pressure-Sensitive Elastoform Flashing

Typical Properties and Characteristics

Property	Test Method
Color	Black
Base	Membrane - EPDM Adhesive - Synthetic Rubber
Ozone Resistance Condition after exposure to 100 pphm Ozone in air for 168 hrs. @ 104°F (40°C). Specimen under 50% strain.	No cracks
Brittleness Temperature	-49°F (-45°C)
Nominal Thickness	90-mil (2.29 mm)
Nominal Width	9" (230 mm), 12" (305 mm)
Membrane Adhesive	Adhesive 9 3/16" (235 mm), 12 3/16" (310 mm)
Net Weight per Roll	9" – 16.5 lbs (7.5kg), 12" – 22 lbs (10 kg)
Packaging	1–50' (15.2 m) roll/carton
Shelf Life	9 months when stored between 60°– 80°F (15°–26°C)

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