



# METALASTIC™ LP

## LOW PROFILE

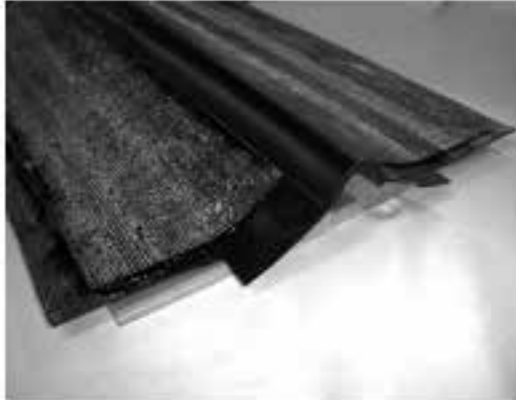
### EXPANSION JOINT COVER (1 OF 2)

#### INSTALLATION GENERAL NOTES:

- The roofing membrane must extend to the top of the nailer.
- LP expansion joint nailers must be mechanically attached 4" (102 mm) on center.
- All cants must be higher than any ponding water.
- All joints and patches are to be done using Metalastic™ materials only.
- Flanges are to be stripped into roof membrane by hot mopping, an ASTM D4586 Type II plastic asphalt cement and felts, or a torch flashing, based on the roofing system being installed.
- With torch type systems, do not heat the LP flanges and nailers. Heat the torch membrane and then set the Metalastic™ flange into the softened surface.
- All surfaces being sealed with Splice Lock or receiving Metalastic™ Tape Sealant must be clean and dry. A hot air blower can be used to dry surfaces.
- Metalastic™ membrane is **NOT** compatible with coal tar pitch materials.
- Before stripping flanges into roof membrane, make all splice joints to the LP.

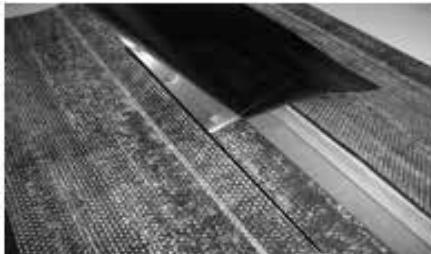
#### Installation Procedures

- A. Snap a chalk line 1 1/4" (31.8 mm) from edges of opening on top of the roof membrane. Fold one of the flexible flanges back, exposing the inside nailer. Align the nailer with the chalk line and nail in place 4" (102 mm) on center.
- B. Fold the second flange back and compress the bellows to align the second nailer with the second chalk line and nail in place 4" (102 mm) on center.

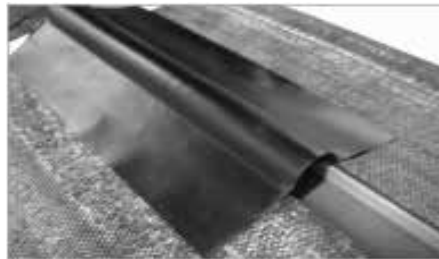


#### Safety Warning

- **Wear safety glasses** when nailing or using adhesives to prevent eye injuries.
- **Wear protective gloves** when working with adhesives.
- **Read cautions on labels** of adhesive and sealant containers. Improper care or use can cause serious injury.



A



B



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### EXPANSION JOINT COVER (2 OF 2)

Make all joints in the Metalastic™ LP before proceeding with sealing the flanges to the roofing system.

#### Joints

- C.** Trim back nailers slightly to prevent overlapping materials and allow a snug butt joint at the foam bellows and install, taking care to butt the bellows sections.
- D.** Make sure all surfaces to receive the **Splice Lock** are clean and dry. In cold weather, use a hot air blower to dry surfaces; then apply **Splice Lock** to joint taking care to prevent entrapped air. **WARNING! Metalastic™ Tape Sealant is extremely tacky and will adhere to anything it comes in contact with. It cannot be repositioned.**
- E.** Depending on the roofing system being installed, apply mastic or hot mop under flexible flange or, as shown below, heat the torch roofing membrane where the flexible flange will fall and press flange in place. **WARNING! Do not torch the expansion joint membrane.**
- F.** Depending on the roofing system being installed, strip in an 8" (203 mm) wide flashing felt centered over edge of flange into the mastic/hot mop. Do not mop over bellows. If using torch system as pictured, **torch the flashing strip, not the Metalastic™ flanges**, and press or roll in place to prevent entrapped air.

#### Coal Tar Pitch – Special Instructions

If the Metalastic™ is to be used with a coal tar pitch roofing system, **a barrier of non-coal tar mastic and felts MUST be placed between the Metalastic™ membrane and the coal tar materials.** This is accomplished by first installing a 12-inch (305 mm) wide non-coal tar pitch felt and mastic on both sides of the expansion joint opening before installing the Metalastic™ LP Expansion Joint Cover.



C



D



E

The flexible flanges are finished by completing the stripping-in process with the proper flashing felt material and mastic based on the system being used.



F