

Installation Instructions for Sno Barricade Deck Mount for TPO Roof Systems

To be used with the 11-MEM (1 Tube, 1" System), 21-MEM (2 Tube, 1" System) and 31-MEM (3 Tube, 1" System)

INTRODUCTION:

The following installation instructions are provided solely in an effort to assist installers. Sno Gem strongly recommends that these products be installed by a qualified Roofing Contractor who will have the knowledge and ability to properly install the product. Sno Gem does not take any responsibility for acts, errors or omissions of the installer and cannot be held responsible for product installation.

INSTALLATION INSTRUCTIONS:

1. BRACKET/BASE PLATE:

- a. Place the bracket/base plate on top of the finished TPO Roof System. Align the bracket/base plate so that the tab(s) used to secure the tubing are on the up-slope end of the bracket/base plate.
- b. Fasten the bracket/base plate to the substrate using appropriate fasteners for the type and thickness of the decking. Make sure the bracket/base plate is secure and cannot shift.
- c. Consult with an Engineer, Snow Guard Manufacturer or Fastener Company to determine the fastener required to attach the bracket/base plate to the substrate.

2. MEMBRANE FLASHING:

- a. Use a piece of unsecured peel and stick flashing known commonly in the roofing industry as a target patch to slip over the bracket and cover the base plate using a method acceptable by the membrane Manufacturer. The target patch should be sized to cover a minimum of 3" around the entire perimeter of the base plate.
- b. Cut a 3-1/2" +/- slit directly in the center of the target patch to allow for a tight fit around the bracket.
- c. Before installing the target patch, apply a Manufacturer approved primer within the entire area to be covered by the target patch.
- d. Slip the target patch over the bracket and onto the base plate. Using a Manufacturer recommended lap sealant, seal the perimeter of the target patch where it meets the membrane roofing and around the slit where the bracket slips through.

3. TUBING, INSERTS AND END CAPS:

- a. Slide each section of tubing through the bracket; use an insert to combine two sections of tubes together.
 1. The insert should be positioned off center and as close to the bracket as possible.
 2. The tubing should not extend 6" past the last bracket.
- b. Using self-tapping screws to secure the tube to the bracket, guide each screw through the pre-punched tab(s) on the bracket and into/through the tube.
- c. After a full run of tubing, install an end cap simply by pressing them into the end of the tube.

4. OPTIONAL BARRICADE PLATE:

- a. Set the Barricade Plate so that the pre-punched hole is on the upside slope of the tube or so that it is not visible from the ground. Use a self-tapping screw to secure the Barricade Plate to the tube.
 1. Refer to the Manufacturer's recommendations for the Barricade Plate spacing.

Please contact Sno Gem at (888) 766-4367 should you have any questions.



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