



Installation Instructions for Sno Barricade[®] SST Systems

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

INTRODUCTION:

The following installation instructions are provided solely in an effort to assist installers. Sno Gem, Inc. 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, Inc. does not take any responsibility for acts, errors or omissions of the installer and cannot be held responsible for product installation.

INSTALLATION INSTRUCTIONS:

A. SNO BARRICADE[®] SST BRACKET:

1. Place the Sno Barricade[®] SST bracket on top of the asphalt shingle, aligning the bracket so that the fastening tabs used to secure the tubing are on the up-slope end of the bracket.
2. Secure the Sno Barricade[®] SST bracket by using appropriate fasteners so that each penetrates into/through the roof deck and into/through the roof purlin using a minimum of (4) fasteners per bracket. Consult with an Architect and/or Engineer to determine the fasteners required to attach the bracket to the specified roof system.
Please note Sno Gem recommends fastening any bracket directly into a roof purlin only. Contact the Architect and/or Engineer for roof purlin locations.
3. Using ice and water shield, cover the base portion of the Sno Barricade[®] SST bracket so that it will be covered with the remaining asphalt shingles.
4. Continue installing the asphalt shingles around and over the Sno Barricade[®] base plate/bracket.
5. Repeat steps 1-3 for each Sno Barricade[®] bracket per the Architect's and/or Engineer's required spacing and layout, including their adjustments for field conditions, if any (a recommend layout is furnished by Sno Gem, Inc. only upon written request).

B. TUBING, INSERTS AND END CAPS:

1. Once all the Sno Barricade[®] bracket have been properly installed and verified each are secure and cannot shift, slide a section of square tubing through the opening on the upright portion of the bracket.
2. Slide the entire section of square tubing so that the end is no more than 6" from/past the last Sno Barricade[®] SST Bracket.
3. Once the section of square tubing is slid into place use self tapping fasteners to attach the square tube to the Sno Barricade[®] bracket at each fastening tab located on the upright portion of the bracket.
4. Using the Sno Gem[®] Insert connect each adjoining section of square tubing. Make sure to slide the square tubing up to the indication line on the insert as this provides the proper gap for thermal expansion/contraction.
5. Repeat steps 2-4 for the remaining sections square tubing.
6. After a full row, install an end cap simply by pressing them into the exposed opening at the end of the tubing.

C. BARRICADE PLATE[™] (RECOMMENDED):

1. 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 per the Architect's and/or Engineer's required spacing and layout, including their adjustments for field conditions, if any (a recommended layout is furnished by Sno Gem, Inc. only upon written request).
2. Use a self-tapping screw to secure the Barricade Plate[™] to the tube.

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