

## ***Installation Instructions for the Sno Barricade<sup>®</sup> MEC Bracket*** *To be used with most standing seam roof systems*

### **INTRODUCTION:**

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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:**

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#### **A. SNO BARRICADE<sup>®</sup> MEC BRACKET:**

1. Measure the distance from the eave for the first row of the Sno Barricade<sup>®</sup> MEC Bracket and use a string line over the panel seams to establish a straight guideline for installation.
2. Apply a piece of bugle tape or sealant to the underside of the bracket and place on the roof panel, aligning the bracket so that the fastening tabs used to secure the tubing are on the up-slope end of the bracket.
3. While applying a firm even pressure use (2) appropriate fasteners to attach the bracket to the metal panel roof system, fastening into/through the roof deck and into/through the roof purlin. 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.*
4. Verify the Sno Barricade<sup>®</sup> MEC Bracket is secure and cannot shift, then repeat steps 2-3 for the remaining brackets. Be sure to follow the Architect's and/or Engineer's required spacing and/or layout, including their adjustments for field conditions, if any (a recommended layout is furnished by Sno Gem, Inc. only upon written request).

#### **B. TUBING, INSERTS AND END CAPS:**

1. Once all the Sno Barricade<sup>®</sup> MEC brackets 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<sup>®</sup> MEC 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<sup>®</sup> MEC Bracket at each fastening tab located on the upright portion of the bracket.
4. Use a Sno Gem<sup>®</sup> insert to connect (2) adjoining sections of square tubing. Be sure to only slide the tubing up to the indication line on the insert to allow for thermal expansion/contraction.
5. Repeat steps 5-8 for all remaining sections of 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<sup>™</sup> (RECOMMENDED):**

1. Set the Barricade Plate<sup>™</sup> 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<sup>™</sup> to the tube.
2. Verify the Barricade Plate<sup>™</sup> is secure, then repeat step 1 for the remaining Barricade Plates<sup>™</sup>. Be sure to follow the Architect's and/or Engineer's required spacing and/or layout, including their adjustments for field conditions, if any (A recommended layout is furnished by Sno Gem, Inc. only upon written request).

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