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## *Specifications for Sno Barricade Clamp-On for Standing Seam Metal Roof Systems*

*To be used with the 1" Sno Barricade System Clamp*

### **PART 1 - GENERAL**

#### **1.1 SUMMARY:**

- A. WORK INCLUDES:
1. Snow guards for Standing Seam Metal Roofs.
  2. Non-penetrating attachment system.
  3. Provide clamp and all component parts and set screws for the roof system.
- B. RELATED SECTIONS:
1. Division 1: General Requirements
  2. Division 7: Thermal and Moisture Protection
    - a. Section 07410: Performed Metal Roofing
    - b. Section 07600: Flashing and Sheet Metal
    - c. Section 07610: Sheet Metal Roofing

#### **1.2 SYSTEM DESCRIPTION:**

- A. COMPONENTS:
1. Sno Barricade Clamp
  2. Stainless Steel Set Screws
  3. 1" Square Tubing
  4. End Caps
  5. Inserts
  6. Barricade Plates
- B. DESIGN REQUIREMENTS:
1. Spacing to be recommended by the Manufacturer or Building Engineer.
  2. Spacing will vary based on several factors including geographical region, snow load and building characteristics.
  3. Our office does not perform an independent site inspection and strongly recommends that an Architect and Engineer review the project and any contemplated Sno Barricade layout to ascertain and confirm the projected loads applicable to this project.

#### **1.3 SUBMITTAL:**

- A. REVIEW OF SUBMITTALS:
1. Show locations of the snow retention system on the roof plan and specify clamp attachment spacing as required by Architect.
  2. Include detailed product cut sheets, installation instructions and specifications.

#### **1.4 QUALITY ASSURANCE:**

- A. CERTIFICATION:
1. 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.
  2. Install the snow retention system in accordance with an approved layout, installation instructions and approved submittals.



### **1.5 DELIVERY / STORAGE / HANDLING:**

#### **A. PROCEDURE:**

1. Inspect material upon delivery and provide notice of any missing or defective items within 24 hours.
2. Adequately secure and protect the material until installation.

## **PART 2 - PRODUCTS**

### **2.1 MANUFACTURER:**

#### **A. SNO BARRICADE:**

1. A division of Sno Gem, Inc., 4800 Metalmaster Way, McHenry, IL 60050 (888) 766-4367, [www.snogem.com](http://www.snogem.com)

### **2.2 MATERIALS:**

#### **A. COMPONENTS:**

1. Clamps: Zinc Zamack #3 Alloy and Aluminum
2. 1" Square Tubing: 6061-T6 Aluminum or Stainless Steel
3. Inserts: Zinc Zamak #3 Alloy and Aluminum
4. End Caps: Zinc Zamak #3 Alloy and Aluminum
5. Set Screws: 300 Series Stainless Steel
6. Barricade Plate: Aluminum or Stainless Steel

### **2.3 FINISH:**

#### **A. MATERIALS:**

1. Standard mill finish.
2. Powder Coating or Kynar available upon request.

## **PART 3 - EXECUTION**

### **3.1 EXAMINATION:**

#### **A. SUBSTRATE:**

1. Inspect the roof system to verify proper attachment and completion of membrane and verify the ability of the building structure to withstand additional loading applied by the snow retention system.

### **3.2 INSTALLATION:**

#### **A. PROCEDURE:**

1. Install the snow retention system in accordance with an approved layout, installation instructions and approved submittals.