

## #015 Pipe-Style Snow Guard Specification Sheet

### PART 1 – GENERAL

#### 1.1 SUMMARY

##### A. WORK INCLUDES

1. #015 Snow guard that attaches directly to the roof deck.
2. Provide appropriate snow guard and fasteners for the roof system.

##### B. RELATED SECTIONS

1. Section 07600: Flashing and Sheet Metal MasterFormat™ 2004 07 60 00
2. Section 07500: Membrane Roofing MasterFormat™ 2004 07 50 00
3. Division 7: Thermal and Moisture Protection.

#### 1.2 SYSTEM DESCRIPTION

##### A. COMPONENTS:

1. #015 Snow guard system consists of snow guard bracket and base plate
2. Tubing (snow rails).
3. Couplings.
4. End Caps (optional).
5. End Collars (optional).
6. Deck Fasteners
  - a. To be of metal compatible with snow guards.
  - b. Fasteners should be selected for compatibility with the roof deck.
  - c. Fastener strength should exceed or be equal to that of the snow guard system.
7. Adhesive: to be membrane roof manufacturer approved.

##### B. DESIGN REQUIREMENTS:

1. Spacing to be recommended by manufacturer or building engineer.
2. A minimum of 8 fasteners per snow guard base plate.
3. It is important to design new structures or assess existing structures to make sure that they can withstand retained snow loads.

#### 1.3 SUBMITTAL

- A. Submit manufacturer's specifications, standard detail drawings, recommended layout and installation instructions.

#### 1.4 QUALITY ASSURANCE

- A. Installer to be experienced in the installation of specified roofing material and snow guards for not less than 5 years in the area of the project.

#### 1.5 DELIVERY / STORAGE / HANDLING

- A. Inspect material upon delivery and order replacements for any missing or defective items. Keep material dry, covered and off the ground until installed.

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## #015 Pipe-Style Snow Guard for Membrane Roofs

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## **PART 2 - PRODUCTS**

### **2.1 MANUFACTURER**

- A. Alpine SnowGuards. A division of Vermont Slate & Copper Services Inc, 289 Harrell St, Morrisville VT (888) 766-4273, www.alpinesnowguards.com.

### **2.2 MATERIALS**

- A. Snow guard component is extruded and milled 6061-T6 Aluminum
- B. Base Plate is 11 gauge (1/8") thick; (choose one)
  - 1. 302 or 304 Stainless Steel.
  - 2. Steel, 1018 alloy, mild steel.
- C. Tubing is 6061-T6, 1" outside diameter and 1/8" wall thickness extruded Aluminum.
- D. Couplings are 2011 Aluminum 3" long.
- E. End Caps are 302 stainless steel.
- F. Ice Flaps are 5052-H32 Aluminum 3" x L (as needed).
- G. End Collars are 6061 T-6 aluminum shaft collars.
- H. Nuts and bolts for base plate to snow guard base are 304 Stainless Steel with an 18-8 finish.

### **2.3 FINISH**

- A. All base plate materials (concealed below flashing) provided mill finish.
- B. Bracket Finish:
  - a. Mill Finish
  - b. Powder coated

## **PART 3 - EXECUTION**

### **3.1 EXAMINATION**

- A. Substrate: Inspect roof system to be properly attached and installed to withstand additional loading incurred. Notify General Contractor of any deficiencies before installing Alpine SnowGuards.

### **3.2 INSTALLATION**

- A. Comply with architectural drawings for location and with Manufacturer's instructions for installation and recommended layout.

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