

## **PP502 & PP503 Brass Snow Guard Specification Sheet**

### **Snow Guards**

#### **PART 1 – GENERAL**

##### 1.1 SUMMARY

###### A. WORK INCLUDES

1. PP502 & PP503 Snow guard that attaches directly the roof deck.
2. Coordinate with the installation of the roof to assure proper placement of the snow guards.
3. 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 07310: Shingles. MasterFormat™ 2004 07 31 00
3. Section 07320: Roofing Tiles. MasterFormat™ 2004 07 32 00
4. Division 7: Thermal and Moisture Protection.

##### 1.2 SYSTEM DESCRIPTION

###### A. COMPONENTS:

1. PP502 & PP503 Snow guard system consists of snow guard bracket assembly and base plate with snow guard base bracket riveted to plate.
2. Tubing (Snow Fence).
3. Couplings.
4. End Caps.
5. End Collars.
6. Ice Flags.
7. 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.

###### B. DESIGN REQUIREMENTS:

1. Spacing to be recommended by manufacturer or building engineer.
2. Install a minimum of 4 fasteners per snow guard.
3. It is important to design new structures or assess existing structures to make sure that they can withstand retained snow loads.





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### 1.3 SUBMITTAL

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

### 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.

## **PART 2 – PRODUCTS**

### 2.1 MANUFACTURER

- A. Alpine SnowGuards. A division of Vermont Slate & Copper Services Inc.  
289 Harrel St. Morrisville, VT 05661, (888) 766-4273  
[www.alpinesnowguards.com](http://www.alpinesnowguards.com).

### 2.2 MATERIALS

- A. Snow Guard Bracket – 1/8” thick 260 Half Hard Brass.
- B. Base Plate - 1/8” thick 260 Half Hard Brass.
- C. Tubing – 272 Series Brass 1” outside diameter and 1/8” wall thickness; 330 alloy upon request.
- D. Couplings
  - 1. Brass – 300 Series
  - 2. Internal and concealed coupling 3” long.
  - 3. C230 external and exposed coupling which, can also serve as an expansion mechanism 5” long.
- E. End Caps - Brass Plated 304 Stainless Steel.



- F. End Collars – C230 Brass.
- G. Ice Flags – 260 Brass.
- H. Fasteners (can be purchased from others) to be compatible with chosen roof application and meet specified pull out values as shown in load test data.
- I. Washers – 1 washer at 3/16”
- J. Connector - C87500 Silicon Bronze cast 3/8” thick.

### 2.3 FINISH (choose one):

- A. Mill Finish – standard

## **PART 3 – EXECUTION**

### 3.1 EXAMINATION

- A. Substrate
  1. Inspect structure on which snow guard system is to be installed and verify that it will withstand any additional loading that it may incur. Notify general contractor of any deficiencies before installing Alpine SnowGuards.
  2. Verify that roofing material has been installed correctly prior to installing snow guards.

### 3.2 INSTALLATION

- A. Comply with architectural drawings and snow guard manufacturer’s recommendations for location of system. Comply with manufacturer's written installation instructions for installation and layout.

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