



## #30 Snow Guard Specification Sheet

### PART 1 - GENERAL

#### 1.1 SUMMARY

##### A. WORK INCLUDES

1. #30 Snow guard that attaches directly to 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 07610: Metal Roofing. MasterFormat™ 2004 07 61 00 Sheet Metal Roofing  
MasterFormat™ 2004 07 31 00 Metal Shingles  
MasterFormat™ 2004 07 41 00 Metal Panels
3. Division 7: Thermal and Moisture Protection.

#### 1.2 SYSTEM DESCRIPTION

##### A. COMPONENTS:

1. #30 Snow guard system consists of individual metal snow guards.
2. Fasteners
  - a. Copper to be soldered on using 50/50 solder.
  - b. Lead-coated copper to be fastened using 60/40 solder
  - c. All snow guards should be fastened using good soldering, fastening or adhering techniques as recommended by the manufacturer or building engineer.

##### B. DESIGN REQUIREMENTS:

1. Spacing to be recommended by manufacturer or building engineer.
2. It is important to design new structures or assess existing structures to make sure that they can withstand retained snow loads.
3. Minimum 6 sq. inches of the snow guard strap soldered or adhered to the roof panel.

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

1.4 QUALITY ASSURANCE - 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 - 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 Harrell St, Morrisville, VT (888) 766-4273.

#### 2.2 MATERIALS (choose one)

- A. Copper Strap, hood and gusset are 16 oz. C.R. copper.
- B. Lead-coated Copper Strap, hood and gusset are 16 oz. C.R. copper, lead-coated and cut to size.
- C. Galvalume Strap and Painted Galvanized, hood and gusset are 24 gauge.
- D. Aluminum Strap, hood and gusset are .032 Aluminum.
- E. Freedom Gray strap, hood and gusset are 16 oz. C.R. copper, coated and cut to size.
- F. Other (specify)

#### 2.3 FINISH

- A. Mill finish.
- B. Powder coated
- C. Kynar™ 500 or Hylar™ 5000 pre-painted sheet (aluminum only).

### 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 recommended layout and installation.

## **#30 Half-Round Pad-Style Snow Guard for Metal Roofs**