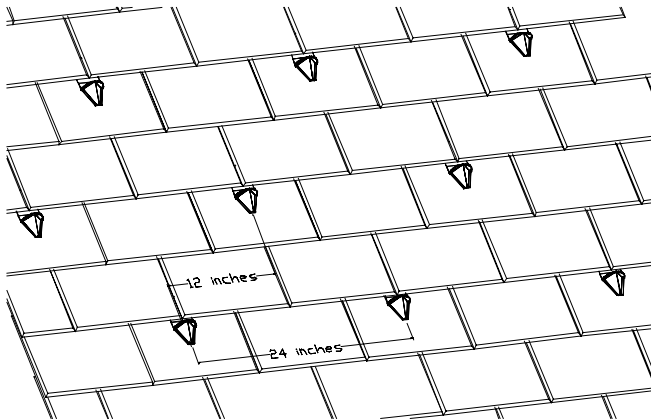


**#10 Half-round Snowguard**  
 for Slate, Flat Tile, Synthetic Slate & Cedar Roofing

\*Strap length can be modified to accommodate any need.  
 Available in Copper, Lead-coated Copper, Galvalume, Aluminum, Painted Aluminum and Zinc.

## Installation Instructions for #10R

1. The layout is as pictured below.
2. The third row of shingled roofing is fastened to the roof in the usual manner.
3. The snowguard is placed on the shingle with the end of the strap resting on the roof deck above the shingle. The snowguard should be placed low enough on the shingle so that the next course of shingles lay properly over the top of the snow guards. Horizontal spacing should be 24", either from the starting point or the last installed snowguard.
4. Two nails or screws of the same or compatible material as the snowguard are nailed or screwed through the two holes at the top of the strap to secure the snowguard to the roof deck.
5. Repeat these steps for the entire snow guard layout.



### **Pad Style Snowguard Layout**

See Page 20, 21 AND 22 of the Alpine SnowGuards binder for layout information.

The first row of snowguards is placed above the outer most wall or support of the building.

# #10 Snowguard Specification Sheet

## **PART 1 - GENERAL**

### 1.1 SUMMARY

#### A. WORK INCLUDES

1. #10 Gussetted snowguard that attaches directly to the roof deck.
2. Coordinate with the installation of the roof to assure proper placement of the snowguards.
3. Provide appropriate snowguard and fasteners for the roof system.

#### B. RELATED SECTIONS

1. Section 07600: Flashing and Sheet Metal.
2. Section 07310: Shingles.
3. Section 07320: Roofing Tiles.
4. Division 7: Thermal and Moisture Protection.

### 1.2 SYSTEM DESCRIPTION

#### A. COMPONENTS:

1. #10 Snowguard system consists of individual metal snowguards.
2. Fasteners
  - a. To be of metal compatible with snowguards.
  - b. Fasteners should be selected for compatibility with roof deck.
  - c. All snowguards must be mechanically fastened to the roof deck.

#### B. DESIGN REQUIREMENTS:

1. Spacing to be recommended by manufacturer or building engineer.
2. Minimum 2 fasteners per snowguard.
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 - 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 snowguards 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., P.O. Box 430, Stowe, 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 sheet stock lead-coated and cut to size.
- C. Galvalume Strap, hood and gusset are 24 ga. Galvalume.
- D. Aluminum Strap, hood and gusset are .032 Aluminum.

### 2.3 FINISH

- A. Mill finish.
- B. Powder coated.
- C. Kynar™ 500 or Hylar™ 5000 prepainted sheet (galvalume or 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 installation and layout.