

#11 Snow Guard Specification Sheet

PART 1 - GENERAL

1.1 SUMMARY

A. WORK INCLUDES

1. #11 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 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. #11 Snow guard system consists of individual metal snow guards.
2. Fasteners
 - a. To be of metal compatible with snow guards.
 - b. To be 10 Ga. nails of annular ring construction or #10 screws and at least 2" long.
 - c. Fasteners should be selected for compatibility with the roof deck.

B. DESIGN REQUIREMENTS:

1. Spacing to be recommended by manufacturer or building engineer .
2. Minimum 2 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.

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 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

- 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.
- 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 installation and recommended layout..

#11 Pad-Style Snow Guard for Existing Slate, Flat Tile and Cedar Shingle Roofs