

#41 Snow Guard Specification Sheet

Snow Guards

PART 1 – GENERAL

1.1 SUMMARY

A. WORK INCLUDES

1. #41 Gusseted snow guard that clips to the head of tile.
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. #41 Gusseted snow system consists of individual metal snow guards.
2. Fasteners
 - a. Hooks to head of tile.
 - b. Requires acceptable adhesive under snow guard strap.
3. Sealant (if required by roof manufacturer).
 - a. To be roof manufacturer approved.

B. DESIGN REQUIREMENTS:

1. Bracket 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.



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.

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.

2.2 MATERIALS (choose one):

- A. Copper - Strap, hood, gusset and sleeve are 16 oz copper.
- B. Lead-Coated Copper - Strap, hood, gusset and sleeve are 16 oz lead coated copper.
- C. Galvalume - Strap, hood, gusset and sleeve are 26 gauge galvalume.
- D. Aluminum - Strap, hood, gusset and sleeve are .032 aluminum.
- E. Freedom Grey - Strap, hood, gusset and sleeve are 16 oz. coated copper.
- F. Rhein Zinc - Strap, hood and gusset are 24 gauge.



FINISH (choose one):

- A. Mill Finish – standard
- B. Powder Coated – available at additional cost
- C. Kynar® 500 pre-painted sheet - aluminum only

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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