

Snow Retention Specification - Half Round Pad-style Snow Guards

PART 1 – GENERAL

1.1 SUMMARY

A. WORK INCLUDES

1. #10 Gusseted snow guards 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 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. #10 Snow guard system consists of individual metal snow guards.
2. Fasteners
 - a. To be of metal compatible with snow guards.
 - b. Fasteners should be selected for compatibility with roof deck.
 - c. All snow guards 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 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

- 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.

#10 Pad-Style Snow Guard for Slate, Flat Tile & Cedar Shingle Roofs

PART 2 - PRODUCTS

2.1 MANUFACTURER

- A. Alpine SnowGuards. A division of Vermont Slate & Copper Services Inc., 289 Harrel St. Morrisville, VT 05661 802-888-8573, www.alpinesnowguards.com

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, hood and gusset are 26 gauge.
- D. Aluminum Strap, hood and gusset are .032.
- E. Freedom Gray strap, hood and gusset are 16 oz. C.R. Copper, coated and cut to size.

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.

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