



ALPINE SNOWGUARDS

A Division of Vermont Slate & Copper Services, Inc.

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#215 Snowguard Specification Sheet

PART 1 - GENERAL

1.1 SUMMARY

A. WORK INCLUDES

1. #215 Snowguard that attaches directly to the roof deck.
2. Provide appropriate snowguard and fasteners for the roof system.

B. RELATED SECTIONS

1. Section 07600: Flashing and Sheet Metal.
2. Section 07500: Membrane Roofing
3. Division 7: Thermal and Moisture Protection.

1.2 SYSTEM DESCRIPTION

A. COMPONENTS:

1. #215 Snowguard system consists of snowguard bracket and base plate
2. Aluminum tubing.
3. Threaded Couplings.
4. End Caps (optional).
5. End Collars (optional).
6. Fasteners
 - a. To be of metal compatible with snowguards.
 - b. Fasteners should be selected for compatibility with the roof deck.
 - c. Fastener strength should exceed or be equal to that of the snowguard system.
7. Adhesive: to be membrane roof manufacturer approved.

B. DESIGN REQUIREMENTS:

1. Spacing to be recommended by manufacturer or building engineer.
2. Fasteners into the roof deck or structure must meet or exceed a combined 2000 pounds of shear.
3. A minimum of 6 fasteners per snowguard.
4. 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

- A. Snowguard Block and Flag are extruded and milled 6061-T6 Aluminum
- B. Base Plate is 11 gauge thick 302 Stainless Steel.
- C. Tubing is 6005-T5, 1" outside diameter and 1/8" wall thickness extruded Aluminum.
- D. Threaded Couplings are 6061-T6 Aluminum 5" long.
- E. End Caps are 302 stainless steel.
- F. Ice Flags are 5052-H32 Aluminum 3" x _ (as needed).
- G. End Collars are 6061 T-6 aluminum shaft collars.
- H. Fasteners are 302 or 304 Stainless Steel.

2.3 FINISH - All materials provided mill finish.

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.

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