



ALPINE SNOWGUARDS

A Division of Vermont Slate & Copper Services, Inc.

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289 Harrell Street. Morrisville, VT 05661

#315 Snowguard Specification Sheet

PART 1 - GENERAL

1.1 SUMMARY

A. WORK INCLUDES

1. #315 Snow guard 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. Division 7: Thermal and Moisture Protection.

1.2 SYSTEM DESCRIPTION

A. COMPONENTS:

1. #315 Snow guard system consists of snowguard flag and base plate
2. Aluminum tubing.
3. Threaded Couplings.
4. End Caps (optional).
5. End Collars (optional).
6. Ice Flag (optional)
7. 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.
8. Adhesive: to be roof manufacturer approved.

B. DESIGN REQUIREMENTS:

1. Spacing to be recommended by manufacturer or building engineer.
2. Minimum 4 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

- A. Snowguard Flag is extruded and milled 6061-T6 Aluminum
- B. Base Plate 11 gauge 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 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.

Document version 08.02.2004



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#315 Brass Snow Guard Specification Sheet

PART 1 - GENERAL

1.1 SUMMARY

A. WORK INCLUDES

1. #315 Snow guard 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. Division 7: Thermal and Moisture Protection.

1.2 SYSTEM DESCRIPTION

A. COMPONENTS:

1. #315 Snow guard system consists of snowguard block and flag assembly base plate
2. Tubing.
3. Couplings.
4. End Plugs (optional).
5. Ice Flags (optional).
6. End Collars (optional).
7. Fasteners
 - a. To be of metal compatible with snowguards.
 - b. To be #14 screws and length as needed.
 - c. Fasteners should be selected for compatibility with the roof deck.
 - d. Fastener strength should exceed or be equal to that of the snowguard system.
8. Adhesive: to be roof manufacturer approved.

B. DESIGN REQUIREMENTS:

1. Horizontal spacing not to exceed 48".
2. Minimum 4 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

- A. Snowguard Flag is 353 1/4" Hard Brass
- B. Base Plate is 1/8" thick 260 Half Hard Brass or 302 - B2 - 11ga. Stainless Steel.
- C. Tubing is 330 Hard Drawn, 1" outside diameter and 1/8" wall thickness Brass.
- D. Couplings are 330 Hard Drawn 5" long.
- E. End Caps are brass plated 302 stainless steel.
- F. End Collars are 330 Hard Drawn, 1" inside diameter and 1/8" wall thickness Brass.
- G. Fasteners are 18-8 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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