



#235LF Snow Guard Specification Sheet

**PART 1 - GENERAL**

- 1.1 SUMMARY
- A. WORK INCLUDES
1. #235LF 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.
  2. Section 07310: Shingles.
  3. Section 07320: Roofing Tiles.
  4. Division 7: Thermal and Moisture Protection.
- 1.2 SYSTEM DESCRIPTION
- A. COMPONENTS:
1. #235LF Snowguard system consists of :
    - a. Snowguard bracket.
    - b. Base plate with 2 threaded studs for attaching snowguard assembly.
  2. Aluminum tubing.
  3. 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.
- B. DESIGN REQUIREMENTS:
1. Spacing to be recommended by manufacturer or building engineer.
  2. Minimum 2 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., 289 Harrell St, Morrisville, VT (888) 766-4273.
- 2.2 MATERIALS
- A. Snowguard Bracket and base plate are extruded and milled 6061-T6 Aluminum
- B. Tubing is 6005-T5 or 6061 T-6, 1" outside diameter and 1/8" wall thickness extruded Aluminum.
- C. Couplings are 6061-T6 Aluminum 5" long.
- D. End Caps are 302 stainless steel.
- E. End Collars are 6061 T-6 aluminum shaft collars.
- D. 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.

## #235 LF Brass Snow Guard Specification Sheet

### PART 1 - GENERAL

- 1.1 SUMMARY
- A. WORK INCLUDES
    - 1. #235 LF 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. #235 LF Snow guard system consists of :
      - a. Snowguard bracket assembly.
      - b. Base plate with snowguard assembly riveted in place.
    - 2. Tubing.
    - 3. Couplings.
    - 4. End Plugs (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.
  - B. DESIGN REQUIREMENTS:
    - 1. Horizontal spacing as recommended by manufacturer.
    - 2. Minimum 2 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., 289 Harrell St, Morrisville, VT (888) 766.4273.
- 2.2 MATERIALS
- A. Snowguard Bracket B260 Half Hard Brass
  - B. Base Plate is 260 Half Hard Brass.
  - C. Tubing is 330 Hard Drawn or B260 red, 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 brass.
  - G. Fasteners are Brass.
- 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.