



PP125 Specification Sheet Snow Guards

PART 1 – GENERAL

1.1 SUMMARY

A. WORK INCLUDES

1. PP125 snow guard that attaches directly to the roof deck.
2. Coordinate with installation of roof to assure proper placement of snow guards.
3. Provide appropriate snow guard and fasteners for roof system.

B. RELATED SECTIONS

1. Section 076000: Flashing and Sheet Metal	MasterFormat 2016 07 60 00
2. Section 073100: Shingles and Shakes	MasterFormat 2016 07 31 00
3. Section 073200: Roof Tiles	MasterFormat 2016 07 32 00
4. Section 077253: Snow Guards	MasterFormat 2016 07 72 53

1.2 SYSTEM DESCRIPTION

A. COMPONENTS

Bracket: An aluminum bracket and two 5/16" diameter bonded stainless steel and EPDM washers, with two countersunk holes milled into underside of bracket.

1. KIT-145 BRACKET
2. W-NEO SS-.313
3. N-HX SS-.3125-18

Base: A stainless steel base plate with two welded studs that align with fastener holes in bracket.

4. BASE SS-100 (base plate sizes are project-specific)

B. ACCESSORIES

1. PP75, tubing
2. Couplings
 - a. PP84, external
 - b. PP86, internal
3. PP56, end caps
4. PP65, end collars
5. PP95, ice flags
6. PP98, ice screen

Fasteners

- a. To be of metal compatible with snow guards.
- b. Fasteners should be selected for compatibility with roof deck.
- c. Fastener strength should exceed or be equal to that of snow guard system.

C. DESIGN REQUIREMENTS

1. Spacing to be recommended by manufacturer or building engineer.
2. Install a minimum of 4 fasteners per snow guard base plate.
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, installation instructions, and recommended layout.

Alpine SnowGuards®, a Division of Vermont Slate & Copper Services, Inc.

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PP125 Specification Sheet

Snow Guards

1.4 QUALITY ASSURANCE

- A. Installer to be experienced in 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.
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2.2 MATERIALS

- A. KIT-145 BRACKET - 6000 Series Aluminum.
- B. W-NEO SS-.313 - 304 stainless steel.
- C. N-HX SS-.3125-18 - 304 stainless steel.
- D. BASE SS-100 – 11-gauge 304 stainless steel with two welded 5/16" 304 stainless steel machine screws.

2.3 ACCESSORY MATERIALS

- A. PP75, tubing (choose one)
 - 1. 6000 Series Aluminum - 1" outside diameter and .120" wall thickness, extruded.
 - 2. 304 Stainless Steel - same dimensions as aluminum, welded.
- B. Couplings (choose one)
 - 1. PP84, external and exposed coupling which can also serve as a 5" long expansion mechanism.
 - a. 6000 Series Aluminum
 - 2. PP86, internal and concealed coupling 3" long.
 - a. 6000 Series Aluminum
 - b. 304 Stainless Steel
- C. PP56, end caps - 304 Stainless Steel
- D. PP65, end collars (choose one)
 - 1. 6000 Series Aluminum
 - 2. 304 Stainless Steel
- E. PP95, ice flags, 3" wide x length, optional (choose one)
 - 1. 6000 Series Aluminum
 - 2. 304 Stainless Steel
- F. PP98, ice screen - 304 Stainless Steel

2.4 FINISH (choose one)

- A. Mill Finish – standard
- B. Powder Coated – available at additional cost



PP125 Specification Sheet

Snow Guards

PART 3 – EXECUTION

3.1 EXAMINATION

A. Substrate

1. Inspect structure on which snow guard system is to be installed and verify it will withstand any additional loading that it may incur. Notify general contractor of any deficiencies before installing Alpine SnowGuards' products.
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.

Document Version: 10.07.2020
07 72 53 Snow Guards