



PP120 Specification Sheet Snow Guards

PART 1 – GENERAL

1.1 SUMMARY

A. WORK INCLUDES

1. PP120 snow guard that attaches directly to 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 073126: Slate Shingles | MasterFormat 2016 07 31 26 |
| 4. Section 077253: Snow Guards | MasterFormat 2016 07 72 53 |
| 5. Section 077200: Roof Accessories | MasterFormat 2016 07 72 00 |

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. N-HX SS-.3125-18
3. W-NEO SS-.313

Flashing: An 8" x 12" aluminum flashing, embossed to accept bracket and two studs of base plate. Includes two EPDM sealing washers for watertight seal.

4. W-EPDM .313 QF
5. PP99-AL-8X12-100

Base Plate: A 6" x 6" Stainless Steel base plate with 2 welded studs that align with fastener holes in flashing and bracket.

6. BASE SS 6X6-100

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

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 snowguard system.



PP120 Specification Sheet Snow Guards

C. DESIGN REQUIREMENTS

1. Spacing to be recommended by manufacturer or building engineer.
2. Install a minimum of 6 fasteners per snow guard base plate.
3. It is important to design new structures or assess existing structures to make sure they can withstand retained snow loads.

1.3 SUBMITTAL

- A. Submit manufacturer's specifications, standard detail drawings, installation instructions, and recommended layout.

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.
289 Harrel St., Morrisville, VT 05661 | 888-766-4273 | www.alpinesnowguards.com

2.2 MATERIALS

- A. KIT-145 BRACKET - 6000 Series Aluminum.
- B. N-HX SS-.3125-18 - 304 Stainless Steel.
- C. W-NEO SS-.313 – 304 Stainless Steel.
- D. W-EPDM .313 QF - EPDM and 304 Stainless Steel.
- E. PP99-AL-8X12-100 - .032 Aluminum 1100-0.
- F. BASE SS 6X6-100 - 11 gage 304 Stainless Steel.
- G. PP75, tubing (choose one)
 1. Aluminum – 6000 Series, 1" outside diameter and .120" wall thickness, extruded.
 2. Stainless Steel – 304 alloy, same dimensions as aluminum, welded.
- H. PP84 and PP85, internal and external couplings (choose one)
 1. Aluminum – 6000 Series.
 - a. Internal and concealed coupling 3" long.
 - b. External and exposed coupling which can also serve as a 5" long expansion mechanism.
 2. Stainless Steel – 304 Series.
 - a. Internal and concealed coupling 3" long.
 - b. External and exposed coupling which can also serve as a 5" long expansion mechanism.



PP120 Specification Sheet Snow Guards

- I. PP56, end caps - 304 Stainless Steel.
 - J. PP65, end collars (choose one)
 - 1. 6000 Series Aluminum.
 - 2. 304 Stainless Steel.
 - K. PP95, ice flags, optional (choose one)
 - 1. 6000 Series Aluminum 3" wide x length.
 - 2. 304 Stainless Steel.
 - L. Fasteners (can be purchased from others) to be compatible with chosen roof application and meet specified pull-out values as shown in load test data.
- 2.3 FINISH (choose one)
- A. Mill Finish – standard
 - B. Powder Coated – available at additional cost

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 it may incur. Notify general contractor of any deficiencies before installing Alpine SnowGuards' products.
 - 2. Verify 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.

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07 72 53 Snow Guards