SSG-313H3AL-812BLK Specification Sheet
Snow Guards

Part 1 – GENERAL

1.1 SUMMARY

A. WORK INCLUDES

1. SSG-313 snow guard system that attaches directly to roof deck.
2. Coordinate with roof installation 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 with holes to match flashing.

1. PP313H3AL

Flashing: Aluminum flashing, EPDM or Neoprene bonded washers, EPDM bushings.

2. FLASHING-2V-812-BLK
3. W-NEO SS-.313
4. BUSHING SSG313

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, optional

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 snow guard system.

C. DESIGN REQUIREMENTS

1. Installation to be approved by solar array design engineer.
2. No more than 6” of Tubing (PP75) extended past the last bracket.
3. Solar Panel mechanical load rating of minimum 5,400 Pa.
4. It is important to design new structures and solar arrays or assess existing structures and solar arrays to ensure they will withstand the retained snow loads.

ALPINE SNOWGUARDS®

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1.3 SUBMITTAL

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

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. PP313H3AL BRACKET – 5000 Series Aluminum
B. FLASHING-2V-812-BLK – .032 Gauge Aluminum
C. W-NEO SS-.313 – 304 Stainless Steel and EPDM or Neoprene
D. BUSHING SSG313 – EPDM rubber

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. PP84 and PP86, external and internal couplings (choose one)
    1. PP84, external and exposed coupling which can also serve as a 5” long expansion mechanism 5” long
        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, optional, 3" wide x length (choose one)
        1. 6000 Series Aluminum
        2. 304 Stainless Steel

2.4 FINISH (choose one)

A. Mill Finish – Bracket (standard)
B. Powder Coated – Bracket (available at additional cost)
C. Pre-painted Kynar Aluminum, black only – Flashing

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 roofing material has been installed correctly prior to installing snow guards.

3.2 INSTALLATION

A. Comply with architectural drawings for location of system. Comply with manufacturer's written installation instructions.

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