

Single Ply – 2 Pipe Bracket Specification Sheet

PART 1-GENERAL

1.1 SUMMARY

A. WORK INCLUDES

1. Single Ply - 2 Pipe snow brackets, attached to the roof deck.
2. Provide appropriate snow bracket and snow bracket accessories for the roofing system.
3. Provide approved fasteners for attachment of brackets.

B. RELATED SECTIONS

1. Section 07500 Membrane Roofing
2. Section 07600 Flashings and Sheet Metal
3. Division 7 Thermal and Moisture Protection
4. Division 1 Administrative and procedural requirements

1.2 SYSTEM DESCRIPTION

A. COMPONENTS

1. Single Ply – 2 Pipe Bracket system comprised of 2 pipe aluminum upright, stainless steel base plate and stainless steel attachment nuts.
2. Target patch of single ply material identical to roofing membrane to cover and seal the base plate.
3. Appropriate fasteners to attach base plate to roof structure.
4. Aluminum Tubing with swaged ends to couple 2 pieces together.
5. Tubing Caps
6. Tubing Collars
7. Ice Flags

B. DESIGN REQUIREMENTS

1. Bracket and row spacing to be determined by manufacturer or engineer.
2. Structure must be able to withstand snow load held on roof.

1.3 SUBMITTAL

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

1.4 QUALITY ASSURANCE

- A. Installer to be experienced in the installation of roofing materials and snow retention products.

1.5 DELIVERY, STORAGE AND HANDLING

- A. Material to be inspected upon delivery for damage and stored in a safe, dry location prior to installation.

PART 2 – PRODUCTS

2.1 MANUFACTURER

- A. Rocky Mountain Snow Guards, Inc. 2055 S. Raritan, Denver, CO 80223, (877) 414-7606, www.rockymountainsnowguards.com.

2.2 MATERIALS

- A. Single Ply – 2 Pipe upright in extruded 6061-T6 aluminum.
- B. Single Ply - base plate in 11 gage 304 stainless steel with two 3/8" threaded stainless steel studs welded to the base plate and 5 tapered 3/8" holes for screw attachment to the roof deck.
- C. Target Patch minimum 12" x 12" of the same material as the roof membrane.
- D. Tubing is 6061-T6 aluminum with 1" outside diameter and .0125 wall thickness, swaged on one end for attachment to adjacent tube.
- E. Tubing Caps are 302 stainless steel
- F. Tubing Collars are 6061-T6 aluminum with stainless steel set screws.
- G. Ice Flags are 6061-T6 aluminum with stainless fasteners.

2.3 MATERIAL FINISH

- A. All materials are mill finish.
- B. Powder coated for an additional cost.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Verify structure will accommodate ground snow loads and drifting loads present at the job site.
- B. Verify that attachment of the metal roofing panels will accommodate the loads incurred by the addition of the snow retention system

3.2 INSTALLATION

- A. Follow architectural drawings or drawings supplied by manufacturer for location of snow brackets.
- B. Follow manufacturer's installation instructions and layout guide.