



Note to designer and specifier: This specification sheet is provided for your use by Sno Shield Snow Guards. For more information, samples, and spacing layout instructions, call 888-976-6744 or email [info@snoshield.com](mailto:info@snoshield.com).

**Section 07 72 0**

**Sno Shield™ S.S. Snow Rail and Clamp On Roof Clamps**

**PART 1 – GENERAL**

**1.1 SUMMARY**

**A. Section Includes:**

1. Surface mounted S.S. Snow Rail for all roofing materials.
2. For Mechanical Mounting.
3. Clamp on Roof Clamps and Bracket Mounting for Standing Seam Profiles

**1.2 Related Sections**

**A. Selections Include**

1. Section 07310 - Shingles, Wood Shakes, Slate, Simulated Slate and Metal Roofing.
2. Section 07320 -Roof Tiles.
3. Section 07610 - Standing Seam Metal Roofing.
4. Section 07620 - Sheet Metal Flashing and Trim.

**1.4 Delivery, Storage, and Handling**

**A. Sections Include**

1. Store products in manufacturer's unopened packaging or in a covered facility protected from the elements until ready for installation.

**PART 2 – PRODUCTS**

**2.1 MANUFACTURER**

- A.** Sno Shield Inc; 3968 E Sunnyside Rd, Bldg 3, Ammon, ID. 83406; Toll Free Tel: 888-976-6744; Tel: 208-524-7371; Fax: 208-524-1041; Email: [info@snoshield.com](mailto:info@snoshield.com); Web:[www.snoshield.com](http://www.snoshield.com)

**2.2 SNOW FENCE / RAIL MATERIALS**

- A.** Copper Plating  
**B.** Stainless Steel  
**C.** Steel (Powder Coated)  
**D.** Zinc Plating

**E.** Raw Steel

**2.3 SYSTEM COMPONENTS**

**A. S.S. Sno Rail Deep Deck Double Rail**

- a.** Dimensions: (W-Face x H-Face x L-Base): 1.4 "(35.56 mm) x 6.25"(158.75 mm) x3.6"(91.44 mm). DEEP DECK DOUBLE RAIL

- b.** Dimensions: (Steel Thickness): .1875"(4.7625 mm) . DEEP DECK DOUBLE RAIL

- c.** Hole Diameter: (Width of hole for railing): .875", (22.23) STANDARD

**B. For Mechanical Mounting All other Deck Surfaces.**

- a.** Dimensions: (W-Face x H-Face x L-Base): 1.4 "(35.56 mm) x 6.25"(158.75 mm) x3.6"(91.44 mm). If not designated the dimensions are standard size based on the single, double and triple rail bracket size. DEEP DECK DOUBLE RAIL

- b.** Dimensions: (Steel Thickness): .1875"(4.7625 mm) . STANDARD

- c.** Hole Diameter: (Width of hole for railing): .875", (22.23) STANDARD

**C. S.S. Sno Rail Standing Seam Clamp**

- a.** Dimensions: (W-Face x H-Face x L-Base): 1"(25.4mm) x 1.75"(44.45mm) x 2.85"(72.39mm). STANDARD

- b.** Dimensions: (Steel Thickness): .25" (6.35mm) STANDARD

- c.** Fasteners: ( Zinc Plated Bolts and Self Tapping Screws) .3125" x 2" (7.9375). STANDARD

D. Railing

- a. Material: (Steel) STANDARD
- b. Finish: (powder coated)
- c. O.D. dimensions (.875", 22.225mm) STANDARD
- d. Material Thickness ( schedule 40) STANDARD

**PART 3 – EXECUTION**

3.1 PREPERATION

- A. Prior to installation, inspect conditions to verify that surfaces are suitable for installation of S.S Sno Rail and clean all surfaces to achieve best result.
- B. Be careful in staging materials to not overload roof surfaces, always maintain a safe work zone as approved by OSHA or prevailing work safety standards.
- C. It is always suggested to inspect materials at the time of receipt. Damaged goods once delivered are the responsibility of the contractor and owner.

3.2 INSTALLATION

- A. Install system in accordance with manufacturer's installation instructions and approved architectural drawings.
- B. Clean the designated area with isopropyl alcohol (direct fastener application only) and allow to dry completely before installation.
- C. Install brackets, two feet O.C. or as close as ribbing will allow within the specified layout. Use all fasteners designated by drawings and be sure to use a non hardening roofing sealant (polyurethane or equal) to seal penetrations. It is easiest to place bracket in a generous bead of caulking sealant (try to match roof color when possible, or deferring to clear when no color match is available).
- D. When attaching S.S. Roof Clamps to standing seam profiles do not use adhesive or sealant and double check fasteners to assure proper installation.

3.3 WARRANTY

- A. The following warranty is made in lieu of all other warranties expressed or implied. Sno Shield warrants that the products it manufactures shall be free from material defects. Any goods proven to be defective due to materials will be replaced or purchase price refunded. In no event shall Sno Shield Inc be liable for incidental or consequential damages or misapplication of the product. The customer shall determine the suitability of the product for its intended use and assumes all risks of its use or handling including proper installation of the product. A two year workmanship warranty is to be provided by the installer. Because the manufacturer has no control of workmanship, there is no warranty on screws, tapes, sealants or adhesives sold or recommended. There is no warranty on the installation or application of any Sno Shield, Inc products. Any Sno Shield product warranty claim is limited solely to Sno Shield, Inc.