

Berger E-Rail Snow Rail for Standing Seam Metal Roofing Specification Sheet

Snow Guards

PART 1 – GENERAL

1.1 SUMMARY

A. WORK INCLUDES

1. E-Rail snow guard casting (ECSTSF) that clamps to the standing seam of a metal roof.
2. Coordinate with the installation of the roof to assure proper placement of the snow guards.
3. Provide appropriate snow guard and fasteners for the roof system

B. RELATED SECTIONS

1. Section 07310: Shingles, MasterFormat™2004 07 31 00
2. Section 07320: Roofing Tiles, MasterFormat™ 2004 07 32 00
3. Section 07410: Metal Roof Panels, MasterFormat™2004 07 41 10
4. Section 07600: Flashing and Sheet Metal, MasterFormat™ 2004 07 60 00
5. Section 07610: Sheet Metal Roofing, MasterFormat™2004 07 61 00
6. Section 07613 Standing Seam Metal Roofing, MasterFormat™ 2004 07 61 13
7. Section 07720: Roof Accessories, MasterFormat™2004 07 72 00
8. Division 7: Thermal and Moisture Protection

1.2 SYSTEM DESCRIPTION

A. COMPONENTS:

1. ECSTSF snow guard system consists of snow guard block, bracket assembly and (4) set screws.
2. Tubing (Snow Fence).
3. End Caps.



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4. Self-Tapping Screws

B. DESIGN REQUIREMENTS:

1. Spacing to be recommended by manufacturer or building engineer.
2. Install a minimum of (4) set screws per snow guard.
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.

1.4 QUALITY ASSURANCE

- A. Installer to be experienced in the 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. Berger Building Products, Inc. 805 Pennsylvania Blvd.; Feasterville, PA 19053; Tel: 800-523-8852; Email: Info@BergerBP.com, Web: www.bergerbp.com

2.2 MATERIALS

- A. Snow Guard (ECSTSF): Cast aluminum ALMAG 35, 535 Alloy, ASTM B26, QQ-A-601E, Set Screws (4) Stainless Steel Type 302 Passivated.
- B. Tubing (choose one):
 1. Stainless Steel (TBSS20) - Stainless Steel Square Tubing (1"x 1" x 20') (16 GA, ASTM-A-554, type 304).
 2. Painted Steel (TBCR24P) Hot Rolled Square Tubing, (1"x 1" x 24') (16 GA, ASTM-A-516).



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C. End Caps – plastic

D. Self-Tapping Screws – #8 x 0.5” stainless steel

2.3 FINISH (choose one):

A. Mill Finish – standard

B. Painted – 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 that it will withstand any additional loading that it may incur. Notify general contractor of any deficiencies before installing Berger Snow Guards.
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.

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07 72 53 Snow Guards