



QUALITY BUILDING PRODUCTS SINCE 1874

## Berger #20 Shoe Snow Guard for Metal Roofing Specification Sheet

### Snow Guards

#### PART 1 – GENERAL

##### 1.1 SUMMARY

###### A. WORK INCLUDES

1. #20 Shoe snow guard that attaches directly to the metal roofing.
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. #20 snow guard system consists of individual metal snow guard.
2. Fasteners
  - a. To be of metal compatible with snow guards.
  - b. Fasteners should be selected for compatibility with the roof deck.

- c. Fastener strength should exceed or be equal to that of the snow guard system.
3. Sealant (if required by roof manufacturer).
  - a. To be roof manufacturer approved.

## B. DESIGN REQUIREMENTS:

1. Spacing to be recommended by manufacturer or building engineer.
2. Minimum 2 fasteners 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, recommended layout and installation instructions.

## 1.4 QUALITY ASSURANCE

- A. Installer to be experienced in the installation of specified roofing material and snow guards for no less than 5 years in the area of the project.

## 1.5 DELIVERY / STORAGE / HANDLING

- A. Inspect material upon delivery. Notify manufacturer within 24 hours of 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](mailto:Info@BergerBP.com), Web: [www.bergerbp.com](http://www.bergerbp.com)

### 2.2 MATERIALS (choose one)

- A. Malleable Iron (SGML20): Shoe: MI Class 32510, ASTM A4, Zinc Coat: Zinc Clear Bake w/Seal LB PR, ASTM B6333, TY, SC3.
- B. Bronze: Shoe (SGBR20): Cast CDA875 Silicon Bronze Alloy, ASTM B85



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## 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 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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