

Half Carat™ Snow Guard Specifications
To be used with the Half Carat™ Snow Guard

PART 1 - GENERAL

1.1 SUMMARY:

- A. WORK INCLUDES:
 - 1. Snow guards for slate, shingle, tile and standing seam metal roofs.
 - 2. Mechanically fastened, adhered or soldered attachment system.
 - 3. Provide metal snow guard for the roof system.

- B. RELATED SECTIONS:
 - 1. Division 1: General Requirements
 - 2. Division 7: Thermal and Moisture Protection
 - a. Section 07310: Shingles
 - b. Section 07320: Roof Tiles
 - c. Section 07410: Performed Metal Roofing
 - d. Section 07600: Flashing and Sheet Metal
 - e. Section 07610: Sheet Metal Roofing

1.2 SYSTEM DESCRIPTION:

- A. COMPONENTS:
 - 1. Original Metal™ Snow Guard

- B. DESIGN REQUIREMENTS:
 - 1. Spacing to be recommended by an Architect and/or Engineer.
 - 2. Spacing will vary based on several factors including geographical region, snow load and building characteristics.
 - 3. Our office does not perform an independent site inspection and strongly recommends that an Architect and/or Engineer review the project and any contemplated snow retention layout to ascertain and confirm the projected loads applicable to this project.

1.3 SUBMITTAL:

- A. REVIEW OF SUBMITTALS:
 - 1. Show locations of the snow retention system on the roof plan and specify snow guard spacing as required by an Architect and/or Engineer.
 - 2. Include detailed product cut sheets, installation instructions and specifications.

1.4 QUALITY ASSURANCE:

- A. CERTIFICATION:
 - 1. Sno Gem[®] strongly recommends that these products be installed by a qualified Roofing Contractor who will have the knowledge and ability to properly install the product.
 - 2. Install the snow retention system in accordance with an approved layout, installation instructions and approved submittals.

1.5 DELIVERY / STORAGE / HANDLING:

- A. PROCEDURE:



1. Inspect material upon delivery and provide notice of any missing or defective items within 24 hours.
2. Adequately secure and protect the material until installation.

PART 2 - PRODUCTS

2.1 MANUFACTURER:

HALF CARAT™:

1. A division of Sno Gem, Inc., 4800 Metalmaster Way, McHenry, IL 60050, (888) 766-4367, www.snogem.com

2.2 MATERIALS:

A. COMPONENTS:

1. Half Carat™ Snow Guard: Copper, Stainless Steel, Terne Metal, Prefinished Steel / Aluminum, Lead-Coated Copper, Galvalume, Freedom Gray and Zinc

2.3 FINISH:

A. MATERIALS:

1. Available in any standard or custom pre-finished color.

PART 3 - EXECUTION

3.1 EXAMINATION:

A. SUBSTRATE:

1. Inspect the roof system in its entirety to verify proper attachment, completion and the ability of the building structure to withstand additional loading applied by the snow retention system.

3.2 INSTALLATION:

A. PROCEDURE:

1. Install the snow retention system in accordance with an approved layout, installation instructions and approved submittals.