



Metal Snow Guard

3-Part Specifications

Division 7 - THERMAL AND MOISTURE PROTECTION Section 07610 - Snow Guard for Metal Roof. ROOF ACCESSORIES Section 07710 - Prefabricated Roof Specialties

1 GENERAL

A. Ice and snow guards – METAL MATERIALS

- Adhered to pre-finished metal roof
 - Sno-Gem Original Metal snow guard (3.5" X 3.5" Base) (Minimum 12.25 sq. inch bonding surface)
 - Sno-Gem Half-Carat snow guard (3" Base)
- Projected cross-sectional area perpendicular to roof slope
 - Sno-Gem Original Metal snow guard (Min. 5" snow holding area at base per unit)
 - Sno-Gem Half-Carat snow guard (Min. 3" snow holding area at base per unit)

2 PRODUCT

A. Acceptable Manufacturer

- SNO-GEM, INC., 4800 Metalmaster Way, McHenry, IL 60050,
Phone: 815-477-GEMS (4367),
Toll Free: 888-SNO-GEMS (766-4367),
Website: www.snogem.com

B. Materials

- Materials (Not limited to)
 - Copper
 - Stainless Steel
 - Terne Metal
 - Prefinished steel/aluminum (Kynar Finish)
 - Lead-Coated Copper
 - Galvalume
 - Zinc
- Liquid Adhesive
 - SB-190 sealant adhesive
- 3M Adhesive Tape
 - Double coated acrylic foam tape
 - "Scotch VHB" by 3M factory applied to snow guards by manufacturer
- Primer
 - Tape primer 94 to be used for adhesion of 3M tape to metal surface

3 EXECUTION

A. Typical Preparation

- Thoroughly clean roof surface area where snow guard is to be installed prior to installation
- Contact SNO-GEM, INC. for recommendations on snow guard location and spacing

B. Installation Option (Choose 1 of the following 3)

- Pretinned Solder Installation (Copper, Lead-Coated Copper, TCS, Stainless)
 - Thoroughly clean application area
 - Hold pretinned Sno-Gem in direction to be applied on roof panel with holder.
 - Heat snow guard until solder is seen through predrilled peak holes. No additional solder is required on parts with pretinned backing.
- Slate/Asphalt Shingle Installation
 - Place Sno-Gem base on shingle/slate so plate extension extends onto roof deck.
 - Proper location of Sno-Gem base is verified if next course of shingle/slate covers over plate extension exposing the Sno-Gem base only.
 - Fasten top of plate extension compatible nails/screws through two predrilled holes into roof deck securing Sno-Gem position.
- Metal Roof Installation
 - SB-190 Tube Adhesive
 - 3M Tape Application
 - Mechanical Fastening

C. Contact SNO-GEM, INC. for time periods and ambient temperatures required for full curing of liquid adhesive and adhesive tape