



FUSION-GUARD Snow Guard Specification Sheet Snow Guards

PART 1 – GENERAL

1.1 SUMMARY

A. WORK INCLUDES

1. FUSION-GUARD snow guard that attached directly to the roof deck.
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 076000: Flashing and Sheet Metal MasterFormat 2016 07 60 00
2. Section 073100: Shingles and Shakes MasterFormat 2016 07 31 00
3. Section 073200: Roofing Tiles MasterFormat 2016 07 32 00
4. Section 077253: Snow Guards MasterFormat 2016 07 72 53

1.2 SYSTEM DESCRIPTION

A. COMPONENTS:

Bracket: A snow guard assembly that consists of individual metal snow guards.

1. FUSION-GUARD

Bracket Accessories (for use only with rod): Rods, attachment rod bracket, and rivets that allows the installer to use as a hybrid pad/rod-style snow guard system.

2. RD77 Rod
3. FUSION-GUARD-ROD BRK Rod Bracket
4. R-POP SS 3.0X6.0 Rivet

B. ROD ACCESSORIES:

1. External Couplings (RD87)
2. Locking Collars (RD65)
3. Ice Flags (RD95)

C. DESIGN REQUIREMENTS:

1. Spacing to be recommended by manufacturer or building engineer.
2. Install 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 and installation instructions.





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. Alpine SnowGuards. A division of Vermont Slate & Copper Services Inc.
289 Harrel St. Morrisville, VT 05661, (888) 766-4273
www.alpinesnowguards.com

2.2 MATERIALS

- A. FUSION-GUARD (choose one)
 - 1. DC01 Cold Rolled Steel (CRS)
 - 2. 304 Stainless Steel
 - 3. H85 Red Brass
 - 4. 6000 Series Aluminum
- B. FUSION-GUARD-ROD BRK – 304 Stainless Steel
- C. R-POP SS 3.0X6.0 – 304 Stainless Steel

2.3 ACCESSORY MATERIALS

- A. Rod (RD77) (choose one):
 - 1. 304 Stainless Steel, 3/8" diameter
 - 2. 260 Half Hard Brass, 3/8" diameter
- B. External Couplings (RD87). External and exposed coupling which can also serve as an expansion mechanism 3" long (choose one):
 - 1. 304 Stainless Steel, 3/8" diameter
 - 2. 260 Half Hard Brass, 3/8" diameter
- C. End Collars (RD65) (choose one):
 - 1. 304 Stainless Steel
 - 2. 6000 Series Aluminum
- D. Ice Flags (RD95) [3" wide x length (as needed)]:
 - 1. 304 Stainless Steel, 3/8" diameter
 - 2. 260 Half Hard Brass, 3/8" diameter





2.4 FINISH (choose one):

- A. DC01 Cold Rolled Steel (CRS)
 - 1. Powder Coated Dark Bronze
 - 2. Powder Coated (other) – available at additional cost
- B. 304 Stainless Steel
 - 1. Mill Finish
 - 2. Powder Coated (other) – available at additional cost
- C. H85 Red Brass
 - 1. Mill Finish
- D. 6000 Series Aluminum
 - 1. Mill Finish
 - 2. Powder Coated (other) – 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 Alpine SnowGuards.
 - 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.

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