



ASG3000G Specification Sheet (All Bracket Configurations) Snow Guards

PART 1 – GENERAL

1.4 SUMMARY

A. WORK INCLUDES

1. ASG3000G Snow guard that does not penetrate roof using clamp-to- seam technology.
2. Coordinate with installation of roof to assure proper placement of snow guards.
3. Provide appropriate snow guard and fasteners for 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 |

1.4 SYSTEM DESCRIPTION

A. COMPONENTS: Aluminum bracket & utility block with (2) stainless steel set screws.

1. PP3000AL-BRKT, bracket
2. Attachment blocks (configuration based on seam profile)
 - ii. ASGU2-AL or ASGU2T-AL or ASG2Z2-AL or ASG2Z2-AL or ASG2T2-AL

B. Attachment Block Hardware

- | | |
|--|---------------------------------|
| 1. SET-O SS-.375-24X875, set screws | Used with ASGU2T-AL |
| 2. SET-O SS-.375-24X1, set screws | Used with ASGU2-AL |
| 3. SET-C SS-.375-16X1.50, set screws | Used with ASG2T2-AL, ASG2Z2-AL |
| 4. B-FL SS-.375-16X.75, flat head bolt | Used with all attachment blocks |
| 5. PP75, tubing | |
| 6. Couplings | |
| a. PP84, external couplings | |
| b. PP86, internal couplings | |
| 7. PP56, end caps | |
| 8. PP65, end collars | |

C. ACCESSORIES

1. PP95, ice flags (optional)

D. DESIGN REQUIREMENTS

1. Spacing to be recommended by manufacturer or building engineer.
2. Install a minimum of (2) set screws per snow guard.
3. It is important to design new structures or assess existing structures to make sure they can withstand retained snow loads.

1.3 SUBMITTAL

- ##### A. Submit manufacturer's specifications, standard detail drawings, installation instructions, and recommended layout.



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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. Designed and exclusively distributed by 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. ASG3000AL-BRKT 6000 Series Aluminum
- B. Attachment blocks 6000 Series Aluminum
- C. SET-O SS-.375-24X875 304 stainless steel 18.8 alloy
- D. SET-O SS-.375-24X1 304 stainless steel 18.8 alloy
- E. SET-C SS-.375-16X1.50 304 stainless steel 18.8 alloy
- F. B-FL SS-.375-16X.75 304 stainless steel 18.8 alloy
- G. PP75, tubing (choose one)
 - 1. 6000 Series Aluminum - 1" outside diameter and .120" wall thickness, extruded
 - 2. 304 Stainless Steel - same dimensions as aluminum, welded
- H. Couplings (choose one)
 - 1. PP84, external & exposed coupling - can also serve as 5" long expansion mechanism
 - a. 6000 Series Aluminum
 - 2. PP86, internal & concealed coupling, 3" long
 - a. 6000 Series Aluminum
 - b. 304 Stainless Steel
- I. PP56, end caps (choose one)
 - 1. 304 Stainless Steel
- J. PP65, end collars (choose one)
 - 1. 6000 Series Aluminum
 - 2. 304 Stainless Steel

2.3 ACCESSORY MATERIALS

- E. PP95, ice flags (optional), 3" wide x length (choose one)
 - 1. 6000 Series Aluminum
 - 2. 304 Stainless Steel

2.4 FINISH (choose one)

- A. Mill Finish - standard
- B. Powder Coated - available at additional cost



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PART 3 – EXECUTION

3.1 EXAMINATION

A. Substrate

1. Inspect structure on which snow guard system is to be installed and verify it will withstand any additional loading that it may incur. Notify general contractor of any deficiencies before installing Alpine SnowGuards' products.
2. Verify 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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