



## **PD30, PD30Z, PD300F-CU and PD300FZ-CU Specification Sheet Snow Guards**

### **Part 1 – GENERAL**

#### **1.1 SUMMARY**

##### **A. WORK INCLUDES**

1. PD30, PD30Z, PD300F-CU, and PD300FZ-CU gusseted snow guards attach directly to roof deck.
2. Coordinate with roof installation 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: Roof Tiles               | MasterFormat 2016 07 32 00 |
| 4. Section 077253: Snow Guards              | MasterFormat 2016 07 72 53 |

#### **1.2 SYSTEM DESCRIPTION**

##### **A. COMPONENTS**

1. PD30 and PD300F-CU Snow guard systems consist of individual metal snow guards.
2. PD30Z and PD300FZ-CU Snow guard systems consist of individual snow guard with metal sleeve.
3. Fasteners
  - a. To be of metal compatible with snow guards.
  - b. Fasteners should be selected for compatibility with roof deck.
  - c. Fastener strength should exceed or be equal to snow guard system.

##### **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 they can withstand retained snow loads.

#### **1.3 SUBMITTAL**

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

#### **1.4 QUALITY ASSURANCE**

- A. Installer to be experienced in 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.



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### 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](http://www.alpinesnowguards.com)

#### 2.2 MATERIALS

- A. Copper – Strap, cap and gusset are 16 oz copper. Fleur-de-lis embellishment is *only* available in copper and has a minimum material thickness of .040
- B. Lead-Coated Copper – 16 oz lead-coated copper.
- C. Aluminum – .032 aluminum.
- D. Freedom Gray™ – 16 oz tin-zinc coated copper.
- E. Rheinzink® – .8mm Rheinzink®.

#### 2.3 FINISH (choose one)

- A. Mill Finish – standard.
- B. Powder Coated – available at additional cost.  
(Not available for PD300F-CU and PD300FZ-CU)
- C. Kynar 500® pre-painted coil – aluminum only.  
(Not available for PD300F-CU and PD300FZ-CU)

### 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 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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