

## **PD41 and PD410F Snow Guard Specification Sheet**

### **Snow Guards**

#### **PART 1 – GENERAL**

##### **1.1 SUMMARY**

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

1. PD41 and PD410F gusseted snow guards that attach directly to the roof deck.
2. Coordinate with the installation of the roof to assure proper placement of the snow guards.

###### **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. PD41 and PD410F snow guard system consists of individual metal snow guards.

###### **B. DESIGN REQUIREMENTS**

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



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

#### 2.2 MATERIALS

- A. Copper – Strap, hood and gusset are 16 oz copper.
- B. Lead-Coated Copper – Strap, hood and gusset are 16 oz lead-coated copper.
- C. Galvalume® - Strap, hood and gusset are 26 gauge Galvalume (not available for PD410F).
- D. Aluminum – Strap, hood and gusset are .032 aluminum.
- E. Freedom Gray™ - Strap, hood and gusset are 16 oz tin-zinc coated copper (not available for PD410F).
- F. Rheinzink® - Strap, hood and gusset are .8mm Rheinzink (not available for PD410F).



2.3 FINISH (choose one):

- A. Mill Finish – standard.
- B. Powder Coated – available at additional cost.
- C. Kynar 500® pre-painted coil – aluminum only (not available for PD410F).

**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 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 for installation and layout.

