

PD40, PD40R, PD400F and PD400FR Snow Guard Specification Sheet

Snow Guards

PART 1 – GENERAL

1.1 SUMMARY

A. WORK INCLUDES

1. PD40, PD40R, PD400F and PD400FR 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.
3. Provide appropriate snow guard and fasteners for the roof system.

B. RELATED SECTIONS

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|---|----------------------------|
| 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. PD40 and PD400F snow guard system consists of individual metal snow guard.
2. PD40R and PD400FR 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 the roof deck.
 - c. Fastener strength should exceed or be equal to that of the 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 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

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 PD400F or PD400FR).
- 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 PD400F or PD400FR).
- F. Rheinzink® - Strap, hood and gusset are .8mm Rheinzink (Not available for PD400F or PD400FR).

2.3 FINISH (choose one):

- A. Mill Finish – standard.
- B. Powder Coated – available at additional cost (Not available for PD400F or PD400FR).
- C. Kynar 500® pre-painted coil – aluminum only (Not available for PD400F or PD400FR).

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.

