



## **SnowPin (SP-BLND-1 and SP-TH-1) Specification Sheet**

### **Snow Guards**

#### **Part 1 – General**

##### **1.1 SUMMARY**

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

1. SNOWPIN snow guard system that attaches directly to roof deck.
2. Coordinate with installation of roof to assure proper placement of snow guards.
3. Provide appropriate snow guard and fastener for roof system.

###### **B. RELATED SECTIONS**

1. Section 076000: Flashing and Sheet Metal	MasterFormat 2020 07 60 00
2. Section 076200: Sheet Metal Flashing & Trim	MasterFormat 2020 07 62 00
3. Section 077113: Manufactured Copings	MasterFormat 2020 07 71 13
4. Section 077253: Snow Guards	MasterFormat 2020 07 72 53

##### **1.2 SYSTEM DESCRIPTION**

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

Bracket: An aluminum bracket - two attachment options available, one top-down through fastened (SP-TH-1) and the second blind hole fastened from the bottom (SP-BLND-1).

###### **SP-TH-1**

1. SPP-TH-1, SnowPin with through hole, 1"
2. W-EPDM .230, sealing washer
3. W-NEO SS-.200, bonded washer
4. Fastener (customer-supplied)
  - 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
  - d. Recommended fastener is a minimum of 1.1875" in length, plus length needed to securely fasten to substrate and roof deck.

###### **SP-BLND-1**

1. SPP-BLND-1, SnowPin with blind hole, 1"
2. W-EPDM .230, sealing washer
3. W-FLT SS .25, flat washer
4. Fastener (customer supplied)
  - 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
  - d. Recommended fastener is a stainless steel .25-20 hex tap bolt with a length that matches the thickness of the roof deck plus .5"

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

1. Spacing to be recommended by building engineer.
2. Install 1 fastener per bracket.
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, and installation instructions.



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#### **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.

### **Part 2 – Products**

#### **2.1 MANUFACTURER**

- A. Designed and exclusively distributed by Alpine SnowGuards®, a Division of Vermont Slate & Copper Services, Inc. Harrel St. Morrisville, VT 05661 | 888-766-4273 | [www.alpinesnowguards.com](http://www.alpinesnowguards.com)

#### **2.2 MATERIALS**

- A. SPP-TH, 6000 Series Aluminum
- B. W-EPDM .230, EPDM rubber
- C. W-NEO SS-.200, Stainless Steel and EPDM or Neoprene

OR

- A. SPP-BLND, 6000 Series Aluminum
- B. W-EPDM .230, EPDM rubber
- C. W-FLT SS-.25, Stainless Steel

#### **2.3 FINISH (choose one)**

- A. Mill Finish - standard
- B. Powder Coated – 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 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.

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07 72 53 SnowGuards