



## Snow Dog-BLK Specification Sheet Snow Guards

### PART 1 – GENERAL

#### 1.1 SUMMARY

##### A. WORK INCLUDES

1. SNOW DOG-BLK pad-style snow guard that clamps directly to the solar panel.

##### B. RELATED SECTIONS

1. Section 481413: Solar Energy Collectors      MasterFormat 2016 48 14 13
2. Section 077253: Snow Guards                      MasterFormat 2016 07 72 53

#### 1.2 SYSTEM DESCRIPTION

##### A. COMPONENTS

SNOW DOG-BLK An aluminum pad-style snow guard, star washer, threaded Hex Bolt, and T-nut.

1. SNOW DOG-BLK (ships pre-assembled)

##### B. DESIGN REQUIREMENTS

1. Installation to be approved by solar array design engineer.
2. Minimum 2 pads per panel (Portrait). Minimum 3 pads per panel (Landscape).
3. It is important to design new structures and solar arrays or assess existing structure and solar arrays to make sure they will withstand the retained snow loads.

#### 1.3 SUBMITTAL

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

#### 1.4 QUALITY ASSURANCE

- ##### A. Installer to be experienced in installation of specified solar racking system, roofing material, and snow guards for 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](http://www.alpinesnowguards.com)

#### 2.2 MATERIALS

- A. SNOW DOG-BLK – 6000 Series Aluminum
- B. SSM-U T-NUT – 6000 Series Aluminum
- C. B-HX SS-M5X0.8X 100 – 18-8 Stainless Steel
- D. W-STR SS-M5 – 304 Stainless Steel

#### 2.3 FINISH (choose one)

- A. SNOW DOG-BLK – Anodized black (Standard)



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### **PART 3 – EXECUTION**

#### **3.1 EXAMINATION**

##### **A. Substrate**

1. Inspect solar array on which snow guards are to be installed and verify it will withstand any additional loading that it may incur. Notify general contractor, solar design engineer of record and owner of any deficiencies before installing Alpine SnowGuards' SNOW DOG-BLK.
2. Verify solar array has been installed correctly prior to installing snow guards.

#### **3.2 INSTALLATION**

- A. Comply with architectural drawings, solar panel manufacturer's recommendation and solar array design engineer of record for location of system. Comply with manufacturer's written installation instructions.

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