Sno-Safe Snow Guards, LLC August 2020

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Guide Specification

Specifier Notes: This guide specification is written in Construction Specifications Institute (CSI) 3-Part Format in accordance with *The CSI Construction Specifications Practice Guide,* *MasterFormat, SectionFormat,* and *PageFormat.*

This Section must be carefully reviewed and edited by the Architect to meet the requirements of the Project and local building code. Coordinate this Section with Conditions of the Contract, Division 01, other specification sections, and the Drawings. Delete all Specifier Notes after editing this Section.

Section numbers and titles are based on *CSI MasterFormat 2018 Edition.*

1. 07 72 53

SNOW GUARDS

Specifier Notes: This Section covers Sno-Safe Snow Guards, LLC “Sno-Safe Snow Guards” for installation on sloped roofing. Consult Sno-Safe Snow Guards, LLC for assistance in editing this Section as required for the Project.

* 1. GENERAL
     1. SECTION INCLUDES

Specifier Notes: The use of snow guards for the purpose of snow retention will be effective up to a slope of 12/12. If the roof surface is steeper than this, full snow retention may not be achieved. Consult Sno-Safe Snow Guards, LLC for more information.

* + - 1. Snow guards for installation on sloped roofing.
    1. RELATED REQUIREMENTS

Specifier Notes: Edit the following list of related sections as required for the Project. Limit the list to sections with specific information that the reader might expect to find in this Section, but is specified elsewhere.

Include the section number and title for the section specifying the sloped roofing or sloped surfaces to receive snow guards.

* + - 1. Section 07 30 00 – Steep Slope Roofing.
      2. Section 07 41 13 – Metal Roof Panels.
      3. Section 07 50 00 – Membrane Roofing.
      4. Section 07 72 00 – Roof Accessories.
      5. Section 08 63 00 – Metal-Framed Skylights.
      6. Section 10 73 16 – Canopies.
    1. SUBMITTALS

Specifier Notes: Edit the Submittals article as required for the Project. Delete submittals not required.

* + - 1. Submittals: Comply with Division 01.
      2. Product Data: Submit manufacturer’s product data, including installation instructions.
      3. Samples: Submit manufacturer’s sample of snow guards.
      4. Warranty Documentation: Submit manufacturer’s standard warranty.
    1. DELIVERY, STORAGE, AND HANDLING
       1. Delivery Requirements: Deliver materials to site in manufacturer’s original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
       2. Storage and Handling Requirements:
          1. Store and handle materials in accordance with manufacturer’s instructions.
          2. Keep materials in manufacturer’s original, unopened containers and packaging until installation.
          3. Store materials in clean, dry area indoors.
          4. Protect materials during storage, handling, and installation to prevent damage.
    2. AMBIENT CONDITIONS
       1. Do not install snow guards using adhesive when air temperature will be below 50 degrees F (10 degrees C) during installation.
       2. Do not install snow guards using adhesive when rain, snow, or excessive moisture is expected during installation or within 24 hours after installation.
       3. Do not install snow guards under ambient conditions outside manufacturer’s limits.
  1. PRODUCTS
     1. MANUFACTURERS
        1. Manufacturer: Sno-Safe Snow Guards, LLC, PO Box 541, Chicopee, Massachusetts 01021. Phone 413-592-0404. [www.sno-safe.com](http://www.sno-safe.com). info@sno-safe.com.

Specifier Notes: Specify if substitutions will be permitted.

* + - 1. Substitutions: [Not permitted] [Comply with Division 01].
    1. SNOW GUARDS
       1. Snow Guards: “Original Sno-Safe Snow Guards”.

Specifier Notes: Specify polycarbonate or aluminum snow guards. Delete material not required.

* + - * 1. Material: Polycarbonate with UV inhibitor.

Square channel grooves to maximize bonding strength of adhesive with sloped surface.

Specifier Notes: Specify color of polycarbonate snow guards. Delete colors not required.

Color: [Bone White] [Charcoal Gray] [Clear] [Colonial Red] [Dove Gray] [Forest Green] [Mansard Brown] [Matte Black] [McDonalds Red] [Medium Bronze] [Midnight Bronze] [Musket Gray] [Patina Green] [Slate Blue].

* + - * 1. Material: Cast aluminum alloy 319.

Square channel grooves to maximize bonding strength of adhesive with sloped surface.

Specifier Notes: Specify mill or custom color of aluminum snow guards. Consult Sno-Safe Snow Guards LLC for availability of custom color matching powder coating.

Color: [Mill] [Custom powder coating].

* + - * 1. Dimensions:

Height: 2.32 inches.

Width: 1.50 inches.

Length: 5.00 inches.

* + - * 1. Holes:

Polycarbonate Snow Guards: Four, 0.265-inch diameter.

Aluminum Snow Guards: Three, 0.25-inch diameter.

* + 1. ACCESSORIES

Specifier Notes: Delete accessories not required.

* + - 1. Adhesive: Surebond “SB-190 Everseal Clear Adhesive Sealant”.
         1. Use: Sloped roofing and sloped surfaces of metal, EPDM, PVC, vinyl, fiberglass, and glass.
      2. Adhesive: Lucas “#6600 Universal Sealant”.
         1. Use: TPO sloped roofing.
      3. Mechanical Fasteners: #12 self-drilling neoprene-washer roofing screws.
  1. EXECUTION
     1. EXAMINATION
        1. Examine sloped roofing areas to receive snow guards.
        2. Verify surfaces to support snow guards are clean, dry, and rigid.
        3. Notify Architect of conditions that would adversely affect installation or subsequent use.
        4. Do not begin installation until unacceptable conditions are corrected.
     2. INSTALLATION
        1. Install snow guards in accordance with manufacturer’s instructions at locations indicated on the Drawings.

Specifier Notes: Attach snow guards with either adhesive or screws and adhesive.

* + - 1. Securely attach snow guards using [adhesive] [screws and adhesive] in accordance with manufacturer’s instructions.
      2. Clean each snow guard location just before installation in accordance with manufacturer’s instructions.

Specifier Notes: Edit the following sentence as required for spacing of snow guards.

* + - 1. Install snow guards in straight staggered rows at spacing [in accordance with manufacturer’s instructions] [as indicated on the manufacturer’s spacing layout].
    1. ADJUSTING
       1. Remove and replace with new material, damaged snow guards that cannot be successfully repaired, as determined by Architect.
    2. CLEANING
       1. Remove excess adhesive from surfaces not to receive snow guards promptly after installation.
       2. Do not use harsh cleaning materials or methods that could damage surfaces or finish.
    3. PROTECTION
       1. Protect installed snow guards to ensure that, except for normal weathering, snow guards will be without damage or deterioration at time of Substantial Completion.

END OF SECTION