

SNOWTRAPPER ST11 Snow Guard Specification Sheet

For synthetic slate \ shake and asphalt shingle roof systems

PART 1 – GENERAL

1.1 SUMMARY

A. WORK INCLUDES

1. ST11 SnowTrapper snow guard attaches 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

1. Section 07600: Flashings and Sheet Metal
2. Section 07310: Shingles
3. Section 07320: Roofing Tiles
4. Division 7: Thermal and Moisture Protection

1.2 SYSTEM DESCRIPTION

A. COMPONENTS

1. ST11 snow guard system consists of individual metal snow guards
2. Fasteners
 - a. To be of metal compatible with snow guards
 - b. Fasteners should be selected for compatibility with roof deck
 - c. All snow guards must be mechanically fastened to the roof deck.
3. Sealant
 - a. To be approved by the roofing material manufacturer

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, recommended layout and installation instructions.

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. BI, Inc., 1670 S. Roberts Street, #124, West St. Paul, MN 55118, www.snowtrapper.com.

2.2 MATERIALS

- A. Copper – all snow guard components are 16 oz. copper.
- B. Aluminum – All snow guard components are .032 Aluminum

2.3 FINISH

- A. Mill Finish
- B. Kynar 500 pre finished sheet – Aluminum only.
- C. Powder Coated, exterior grade powder only.

PART 3 – EXECUTION

3.1 EXAMINATION

- A. Substrate
 - 1. Inspect structure to verify that roofing structure will withstand additional retained snow loads. Notify owner or general contractor of any deficiencies before installing snow guards.
 - 2. Verify that roofing material has been installed properly prior to installing snow guards.

3.2 INSTALLATION

- A. Comply with architectural drawings for location and with Manufacturer’s instructions for installation and layout.