

Note to Designer and Specifier: This specification is provided for your use by Zaleski Snow-Guards for Roofs in CSI Masterformat. Edit to your project requirements. For more information, samples and spacing instructions, visit www.snowguards.com, or call 860-225-1614, or email info@snowguards.com.

SECTION 07 72 53

SNOW-GUARDS

PART 1 - GENERAL

1.01 SUMMARY

- A. This Section specifies snow-guards for installation on sloped roofing.

1.01 RELATED SECTIONS

- A. Refer to the following Section for roofing material specifications:
 1. Section 07 31 13 - Asphalt Shingles.
 2. Section 07 31 26 - Slate Shingles.
 3. Section 07 31 29 - Wood Shingles and Shakes.
 4. Section 07 31 33 - Composition Rubber Shingles.
 5. Section 07 31 53 - Plastic Shakes.
 6. Section 07 32 00 - Roof Tiles.
 7. Section 07 41 13 - Metal Roof Panels.
 8. Section 08 63 00 - Glazed Skylights.

1.02 SUBMITTALS

- A. Product Data: Submit manufacturer's product data and installation instructions.
- B. Samples: Submit one full-size snow-guard in color and material selected for approval.

1.03 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Provide snow-guards manufactured by a company with at least 20 years experience in manufacturing snow-guards.

1.04 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials and products in unopened factory labeled packages. Store and handle in strict compliance with manufacturer's instructions and recommendations. Protect from damage.

PART 2 - PRODUCTS

2.01 MANUFACTURER

- A. Acceptable Manufacturer: Zaleski Snow-Guards for Roofs, Inc., PO Box 700, New Britain, CT 06050, Tel. 860-225-1614, Fax. 860-225-1060, www.snowguards.com.

2.02 MATERIALS

Note to Designer and Specifier: Select model number required and delete others. Model numbers listed are those most commonly used. Consult manufacturer for custom applications. The types of roofs suitable for use with each model number are listed with each type. Where more than one method for attachment is listed with a model number, delete the types not required.

- A. Copper Snow-Guards: Zaleski Model No. 4, manufactured using 0.020 thick cold rolled copper, formed to double thickness.
 - 1. Slate Roofing: Hook unit over head edge of slate without nailing.
 - 2. Tile Roofing: Hook unit over head edge of tile without nailing.
 - 3. Asphalt Roofing: Fasten with nails.
 - 4. Wood Shingles: Fasten with nails.

- B. Copper Snow-Guards: Zaleski Model No. 7, manufactured using 0.020 thick cold rolled copper, formed to double thickness.
 - 1. Copper Roofing: Attach with solder.
 - 2. Copper Roofing: Attach with 2-sided tape.
 - 3. Copper Roofing: Attach with sealant adhesive.

- C. Lead-Coated Copper Snow-Guards: Zaleski Model No. 7 L.C., manufactured using 0.020 thick cold rolled copper coated with lead, formed to double thickness.
 - 1. Lead-Coated Copper Roofing: Attach with solder.
 - 2. Lead-Coated Copper Roofing: Attach with 2-sided tape.
 - 3. Lead-Coated Copper Roofing: Attach with sealant adhesive.

- D. Stainless Steel Snow-Guards: Zaleski Model No. 8, manufactured using 0.020 inch thick stainless steel, formed to double thickness.
 - 1. Slate Roofing: Hook unit over head edge of slate without nailing.
 - 2. Tile Roofing: Hook unit over head edge of tile without nailing.
 - 3. Asphalt Roofing: Fasten with nails.
 - 4. Wood Shingles: Fasten with nails.

- E. Stainless Steel Snow-Guards: Zaleski Model No. 9, manufactured using 0.020 inch thick stainless steel, formed to double thickness.
 - 1. Metal Roofing (Except Copper): Attach with 2-sided tape.
 - 2. Metal Roofing (Except Copper): Attach with sealant adhesive.
 - 3. Metal Roofing (Stainless Steel Only): Attach with solder.

- F. Terne Coated Stainless Steel Snow-Guards: Zaleski Model No. 9 T.C., manufactured using 0.020 inch thick stainless steel coated with lead and tin coating, formed to double thickness.
 - 1. Terne Coated Stainless Steel Roofing: Attach with 2-sided tape.
 - 2. Terne Coated Stainless Steel Roofing: Attach with sealant adhesive.
 - 3. Terne Coated Stainless Steel Roofing: Attach with solder.

- G. Aluminum Snow-Guards: Zaleski Model No. 6, manufactured using 0.020 inch thick aluminum 5052-H32, formed to double thickness.
 - 1. Slate Roofing: Hook unit over head edge of slate without nailing.
 - 2. Tile Roofing: Hook unit over head edge of tile without nailing.
 - 3. Asphalt Roofing: Fasten with nails.
 - 4. Wood Shingles: Fasten with nails.

- H. Aluminum Snow-Guards: Zaleski Model No. 11-A, manufactured using #319 aluminum for casting, tensile strength 17,000 pounds per square inch.
 - 1. Metal Roofing (Except Copper), Rubber or PVC Roofing: Attach with 2-sided tape.
 - 2. Metal Roofing (Except Copper), Rubber or PVC Roofing: Attach with sealant adhesive.
 - 3. Metal Roofing (Except Copper), Rubber or PVC Roofing: Attach with screws.
 - 4. Color: Custom color as selected by Architect.

- I. Bronze Snow-Guards: Zaleski Model No. 11-B, manufactured using bronze for casting, tensile strength 17,000 pounds per square inch..
 - 1. Copper Roofing: Attach with solder.
 - 2. Copper Roofing: Attach with 2-sided tape.

3. Copper Roofing: Attach with sealant adhesive.
 4. Copper Roofing: Attach with screws.
- J. Lead-Coated Copper Snow-Guards: Zaleski Model No. 12, manufactured using 0.020 thick cold rolled copper coated with lead, formed to double thickness.
1. Slate Roofing: Hook unit over head edge of slate without nailing.
 2. Tile Roofing: Hook unit over head edge of tile without nailing.
 3. Asphalt Roofing: Fasten with nails.
 4. Wood Shingles: Fasten with nails.
- K. Freedom Gray Snow-Guards: Zaleski Model No. 13, manufactured using Freedom Gray, formed to double thickness.
1. Slate Roofing: Hook unit over head edge of slate without nailing.
 2. Tile Roofing: Hook unit over head edge of tile without nailing.
 3. Asphalt Roofing: Fasten with nails.
 4. Wood Shingles: Fasten with nails.
- L. Freedom Gray Snow-Guards: Zaleski Model No. 14, manufactured using Freedom Gray, formed to double thickness.
1. Copper Roofing: Attach with solder.
 2. Copper Roofing: Attach with 2-sided tape.
 3. Copper Roofing: Attach with sealant adhesive.
- M. Polycarbonate Plastic Snow-Guards: Zaleski Model No. 15, manufactured using polycarbonate plastic, treated with ultraviolet stabilizer.
1. Metal Roofing, Rubber or PVC Roofing: Attach with 2-sided tape.
 2. Metal Roofing, Rubber or PVC Roofing: Attach with sealant adhesive.
 3. Metal Roofing, Rubber or PVC Roofing: Attach with screws.
 4. Color: Clear.
 5. Color: As selected by Architect from manufacturer's standard colors.
 6. Color: Custom color as selected by Architect.
- N. Installation Tool at Existing Slate Roofs: Zaleski Model No. 24 installation tool, suitable for use with Zaleski Models 4, 6, 8, 12, and 13 snow-guards.

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Prior to start of installation, inspect existing conditions to ensure surfaces are suitable for installation of snow-guards.
- B. For snow-guards installed with 2-sided tape, verify forecasted temperature will be above 32 degrees for 2 days and nights after installation.
- C. For snow-guards installed with sealant, verify forecasted temperature will be above 20 degrees F for 48 hours after installation.

3.02 INSTALLATION

- A. Snow-Guard Installation: Comply with manufacturer's installation instructions. Use manufacturer's recommended installation materials and installation tools. Attach snow-guards securely. Clean adjacent surfaces after installation.

END OF SECTION