WR316-GAL Wire Loop HD Specification Sheet
Snow Guards

PART 1 – GENERAL

1.1 SUMMARY

A. WORK INCLUDES

1. Wire Loop HD (WR316-GAL) snow guard that attaches directly to roof deck.
2. Coordinate with installation of the roof to assure proper placement of snow guards.
3. Provide appropriate snow guard and fasteners for the roof system.

B. RELATED SECTIONS

1. Section 076000: Flashing and Sheet Metal	MasterFormat 2016 07 60 00
2. Section 073100: Shingles & Shakes	MasterFormat 2016 07 31 00
3. Section 073200: Roofing Tiles	MasterFormat 2016 07 32 00
4. Section 077253: Snow Guards	MasterFormat 2016 07 72 53

5. Division 7: Thermal and Moisture Protection

1.2 SYSTEM DESCRIPTION

A. COMPONENTS

1. Wire Loop HD (WR316-GAL) snow guard system consists of individual metal wire snow guards, EPDM sealing washer, and EPDM bonded washer.
2. Fasteners
   a. To be of metal compatible with snow guards.
   b. Fasteners should be selected for compatibility with the roof deck.
   c. Fastener strength should exceed or be equal to that of the snow guard system.

B. DESIGN REQUIREMENTS

1. Spacing to be recommended by manufacturer or building engineer.
2. Minimum 1 fastener, 1 EPDM sealing washer, 1 EPDM bonded washer per snow guard.
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, installation instructions, and recommended layout.

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.

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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

2.2 MATERIALS

A. WR316-GAL, 45lb steel wire electroplate galvanized
B. W-EPDM .375X.813, EPDM Sealing Washer
C. W-NEO SS-.34, EPDM–SS-Bonded Washer

2.3 FINISH

A. Mill Finish
B. Custom Color Powder Coated – additional charge

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 snow guards.
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 and layout.

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