

AceClamp®/PMC Industries Introduces ColorSnap™ -- an Easier, Faster Way to Install Snow Retention Systems. AceClamp's new ColorSnap™ snow retention bar simply snaps into retaining clips that have already been installed on AceClamp's patented, top-loading standing seam metal roofing fasteners. One snap and you're done! Intended for use with single-lock, double-lock and snap-lock standing seam metal roofs.

SECTION 07 72 53

SNOW RETENTION BARS

PART 1 - GENERAL

1.1 SUMMARY

- A. Work Included: Provide labor, materials and equipment necessary to complete the work of this Section, including but not limited to the following:
 - 1. Snow retention bars including non-penetrating fasteners for standing seam metal roofing.
- B. Related Work: Coordinate with the following items which are specified in other sections:
 - 1. Section 07 41 13 – METAL ROOF PANELS.

1.2 SUBMITTALS

- A. Product Data: For each material and accessory.
- B. Shop Drawings: Include layout of snow retention bars and details of installation.

1.3 QUALITY ASSURANCE

- A. Preinstallation Conference: Conduct conference at Project site prior to starting work. Review methods and procedures related to installation of snow retention bars.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Comply with manufacturer's requirements for delivery, storage and handling.

1.5 WARRANTY

- A. Manufacturer's Warranty: Provide manufacturer's standard 20-year limited warranty against product defects.

PART 2 - PRODUCTS

2.1 SNOW RETENTION BARS

- A. Basis-of-Design: ColorSnap™ by PMC Industries Inc, telephone 860-351-0686, www.aceclamp.com.
 - 1. Components: Extruded aluminum rail, color strip, ice flags, clamps, top block, hex head bolt, connector link.
 - 2. Extruded Materials (Rails and Ice Flag): 6000 Series tempered aluminum alloy complying with ASTM B221.

3. Stainless Steel Materials (Connector Link and Hex Head Bolts): 300 Series stainless steel complying with ASTM A582/12.
4. Roof Clamp Style: A2, A2N or ML as applicable.
5. Color: Match metal roofing.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates and conditions, with Installer present, for compliance with manufacturer's requirements for installation. Do not proceed with installation until unsatisfactory conditions have been corrected

3.2 INSTALLATION

- A. Install snow retention bars in strict accordance with manufacturer's guidelines and approved submittals. Comply with manufacturer's installation requirements, including the following:
 1. Install clamp fully assembled, with non-penetrating fasteners on the standing seam metal ribs. Set extruded bar below the fasteners and slide up until it snaps into place. Tighten bolts on the clips.
 2. Insert color-matching metal strip into the bar's front-facing groove.
 3. Install aluminum ice flags on the retention system mid-way between the roof seams.
- B. Clean snow retention bars after installation. Replace damaged components.

END OF SECTION