1. Product Name
● AceClamp® A2® Snow Retention System

2. Manufacturer
PMC Industries, Inc.
87 Spring Lane
Plainville CT 06062
Phone: 860-351-0686
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3. Product Description

Basic Use
A2 AceClamps are used to secure snow retention brackets and bars to sloped SSMRs (standing seam metal roofs). Used in snow-prone areas, snow retention has two primary benefits:
● Prevents snow from sliding off roofs and causing damage to pedestrians or structures below
● Retains snow on a metal roof structure for insulation purposes, increasing R-values

Typical installation would be a one-, two- or three-bar rail system installed along the lower section of the roof, across the entire length. Some applications may warrant a second and third row across the entire roof if regional snow loads require it.

Composition and Materials
Most components are extruded 6061-T6 aluminum alloy, stainless steel 300 series or brass (B16/16M-10) can be special-ordered for copper roofs to prevent metallurgical incompatibility.

Components
● A2 clamp: 6061-T6 aluminum alloy
● Brackets: 6061-T6 aluminum alloy
  • One-hole
  • Two-hole
  • Three-hole
● Snow rails: 6061-T6 aluminum alloy
● Couplers: 6061-T6 aluminum alloy
● End collars: 5052 aluminum alloy
● End caps: 300 series stainless steel (18-8)
● Ice flags: 5052 aluminum alloy
● Push pins and screws: 300 series stainless steel (18-8)

Benefits
● Installs in half the time of other clamps
● Designed specifically for contractor needs and profitability

Color/Finish

Color
All products come in stock aluminum finish.
Systems can be powder-coated to a customer’s specific color match. PMC Industries, Inc. uses the European RAL System, a standard color system for paint and coatings. The colors are used for architecture, construction and road safety.

Finish
Our products are tumbled so they present a smooth, no burr, matte finish.

Product Limitations
Product is to be used as specified from the manufacturer, AceClamp and PMC Industries. Product can only be fastened to a secure substrate and properly installed roof panel. Please consult with panel manufacturer for specific installation instructions. AceClamps are not a personal restraint or meant to be used as a security safety anchor.
4. Technical Data

Applicable Standards

**ASTM International (ASTM)**
- ASTM A582/12 Standard Specification for Free-Machining Stainless Steel Bars
- ASTM B209 Standard Specification for Aluminum and Aluminum Alloy Sheet and Plate
- ASTM B221 Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles and Tube

**International Standards Organization (ISO)**
- ISO 9001:2008 Adherence to GMP (Good Manufacturing Practices) and overall QMS (Quality Management Systems) provides the framework to establish a continuous improvement environment, which includes quality planning requirements along with policies, objectives and quantifiable targets

**Environmental**
All AceClamp products are 100 percent recyclable contributing to potential reductions in the solid waste stream.

**Weight-bearing Information**
Please consult with PMC Industries, Inc. for regional snow load calculations.

5. Installation

PMC Industries, Inc. provides installation instructions for the snow retention systems. Please contact manufacturer for complete information.

Installation instructions for the clamps and snow retention systems are [here](#).

6. Availability and Cost

Please contact manufacturer for availability and pricing.

7. Warranty

AceClamp carries a limited 20-year warranty against product defects.

8. Maintenance

Both aluminum and stainless steel will survive the harshest environments so little-to-no maintenance is required. Although, it is advisable to periodically check positioning after heavy snow loading.

9. Technical Services

On-site engineering support is available. Phone support is available at 860-351-0686.

10. Filing Systems

- ConstructConnect
- CAD files
- Additional product information is available from the manufacturer upon request