



## ASG4000G-AL Snow Guard Installation Instructions

### ROOF TYPES

• New / Existing Single Lock	ASG4000G-U-AL or ASG4000G-T-AL
• New / Existing Double Lock	ASG4000G-U-AL
• New / Existing Snap Lock Metal Standing Seam	ASG4000G-U-AL
• New / Existing Vertical Nail Flange	ASG4000G-U-AL
• New / Existing Applied Batten Cap	ASG4000G-U-AL
• New / Existing Tee Seam Metal Standing Seam	ASG4000G-T2-AL
• New / Existing Bulb Seam Metal Standing Seam	ASG4000G-Z2-AL

**Note:** When attaching blocks (clamps) to machine folded seams (regardless of panel profile and geometry), ASG4000 blocks are designed to engage seams by pinching seam with (3) stainless steel set screws.

For horizontal seam applications (inverted "L"), set screws must be accessible from top of block for tightening.

On snap-together type seams, orient block so set screws are opposite open/overlap side of seam.

On some types of panel seams, the aspect of block orientation is not critical.

Some horizontal seams may require additional hand crimping at the block location.

### 1. Bracket Installation

A. Position clamps appropriately on panel seam. Using a 3/16" allen-wrench attachment tip for a 1/4" drive screw gun, tighten and retighten set screws as seam material compresses.

**Note:** On low seam profiles, a 4"-bit extension on screw gun may help to access set screw. Tighten set screws to a torque value of 140-180 inch-pounds.

B. Install Pipes, Couplings, End Caps and End Collars (refer to Pipe-Style Installation instructions). Ice Flags are optional.

### SNOW GUARD LAYOUT FOR PIPE-STYLE BRACKETS

- Contact Alpine SnowGuards for detailed layout information.
- To allow for thermal expansion, do not install runs of snow retention pipe or bar in excess of 100 feet long without a break.
- The first row of snow guards is installed above outermost wall or support of the building.
- Do not use as Fall Arrest Anchors.
- Be sure panels are securely fastened to roof to absorb the loads being transferred by snow retention system.

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