

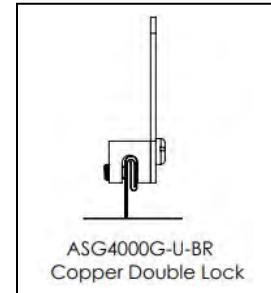
## ASG4000G-U-BR Snow Guard Installation Instructions

### ROOF TYPES

- New / Existing Copper Standing Seam
- New / Existing Copper Single Lock, Double Lock, Snap Lock

#### 1. Bracket Installation

- A. When attaching clamps to seams which are machine folded, the ASG-U4-BR clamp is designed to engage up to 3/8" thick copper double lock standing seam.
- B. Only three set screws are used in any given ASG4000G-BR installation.
- C. Position blocks (clamps) appropriately on panel seam.  
Using a 3/16" allen-wrench attachment tip for a 1/4" drive screw gun, tighten and re-tighten set screws as seam material compresses.  
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 130-140 inch-pounds.
- D. Install Pipes, Couplings, End Caps and End Collars (refer to Pipe-Style Accessories Installation Instructions). Ice Flags are optional.



### SNOW GUARD LAY OUT FOR PIPE-STYLE BRACKETS

- Contact Alpine SnowGuards for detailed layout.
- Do not install runs of snow retention bar more than 100 feet long without a break to allow for thermal expansion.
- First row of snow guards are installed above outer most wall or support of the building.
- Do not use as Fall Arrest Anchors
- Be sure that panels are securely fastened to roof to absorb the loads being transferred by snow retention system.