



## **PD82-AL Installation Instructions**

### **ROOF TYPES**

- New / Existing Metal Standing Seam: Single Lock, Snap Lock, Double Lock, Applied Batten Cap

### **IMPORTANT:**

- The PD82 can only be used on vertical standing seams.
- When attaching clamps to seams that are machine-folded (regardless of panel profile and geometry), the PD82 clamp is designed to engage seams up to 5/8" wide.
- Two set screws must be installed per snow guard and .
- For correct set screw placement on seam, reference the PD82-AL seam configuration document.

### **INSTALLATION**

1. Position the clamps appropriately on the panel seam.
2. Using a 3/16" Allen-wrench attachment tip for a 1/4" drive screw gun, tighten and retighten the two set screws as the seam material compresses. On low seam profiles, a 4"-bit extension on the screw gun may help to access the set screws. Tighten set screws to a torque value of 140-180 inch-pounds.

### **STANDARD SNOW GUARD LAYOUT OPTIONS**

- < 75 PSF (GSL)
- < 16/12 Roof Pitch
- Install one row for every 5' of rafter length (Minimum of two rows)
- Clamp every other seam starting 12" from the eave edge
- Subsequent rows spaced one panel width upslope
- Maximum panel width 21" on center
- Any snow load exceeding 75 PSF, contact Alpine SnowGuards

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