



PD30 and PD300F-CU Snow Guard Installation Instructions

ROOF TYPES

- New / Existing Copper Standing Seam / Flat Seam
- New / Existing Metal Batten or Snap
- New / Existing Metal Corrugated / Ribbed
- New / Existing Metal Standing Seam

INSTALLATION

1. Select the installation method below that best applies to your project.

MECHANICALLY FASTENED

- A. Use an appropriate waterproofing sealant under the snow guard.
- B. Attach the snow guard using a minimum of 2 fasteners of a material compatible with the snow guard and the roof system.

SOLDERED

Recommended for copper, lead-coated copper, and zinc roofing material.

- A. The underside of the snow guard should be tinned.
- B. Clean the area on the panel where the snow guard is to be installed.
- C. Flux and tin the area.
- D. Put the snow guard in place. Heat sufficiently to melt the solder on the snow guard and the panel. Allow to cool. This procedure can be done on the ground before installing panels.

ADHERED*:

Refer to the adhesive manufacturer's published instructions for preparation, installation, and curing periods.

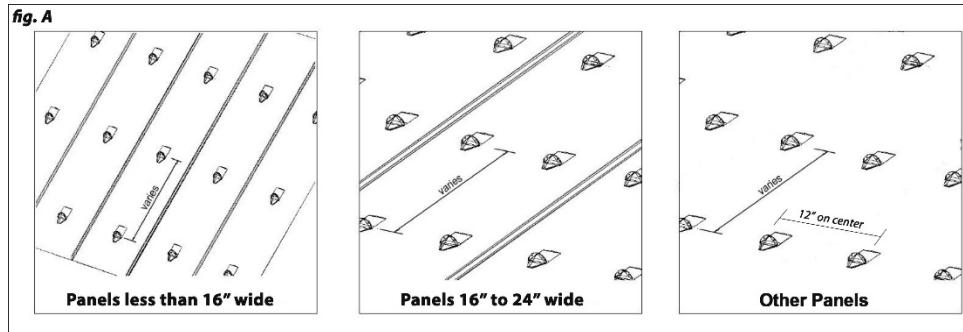
***Note:** Alpine SnowGuards does not warrant or provide layouts for installations using adhesives.

- A. Prepare the roof surface where the snow guard will be placed, as well as the back of the snow guard.
- B. Apply adhesive to the back of the snow guard. Alpine SnowGuards sells double-sided tape.
- C. Apply to the roof surface.
- D. Caulk the entire perimeter of the snow guard with a very thin bead of sealant.

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STANDARD SNOW GUARD LAYOUT OPTIONS

1. Determine snow guard quantity per panel (fig. A).



2. Snow guard installation should start above the load-bearing wall or at a minimum of 12" from the roof edge.
3. The number of rows needed and the spacing between rows are determined by the distance eave to peak, the roof pitch, and the ground snow load (psf). You can calculate the detailed layout for mechanically fastened and soldered installations by utilizing the Alpine SnowGuards' calculator at www.alpinesnowguards.com/projects.

If you have any questions, please contact us at 888-766-4273.

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07 72 53 Snow Guards