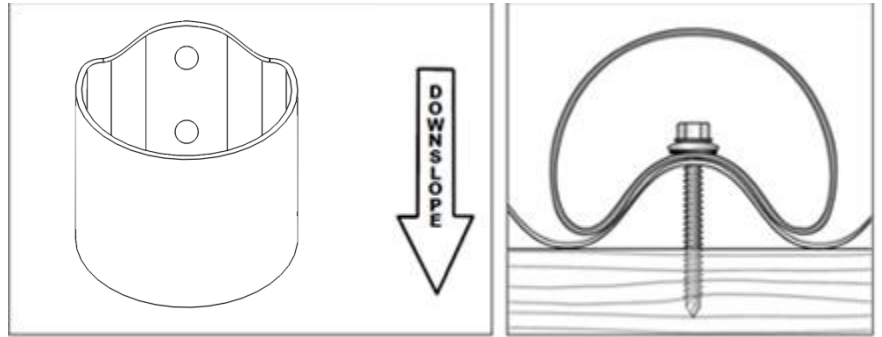


## Installation Instructions for PD80 Aluminum Snow Guard

1. Orientation of the snow guard is so the pointed end faces up slope.
2. Determine where on the panel the snow guard is to be set (layout information is on the following page). The first row should be placed above the exterior supporting wall, not on the overhang.



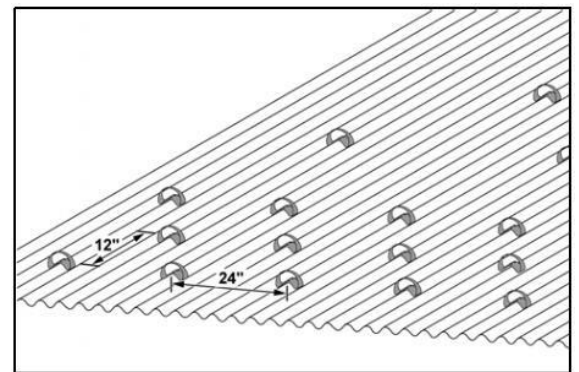
(#80 Standard Shown)

3. Use an appropriate waterproofing sealant under the snow guard.
4. Place two of the appropriate fasteners through the snow guard, through the roof panel at the top of the corrugation and into the roof structure below.

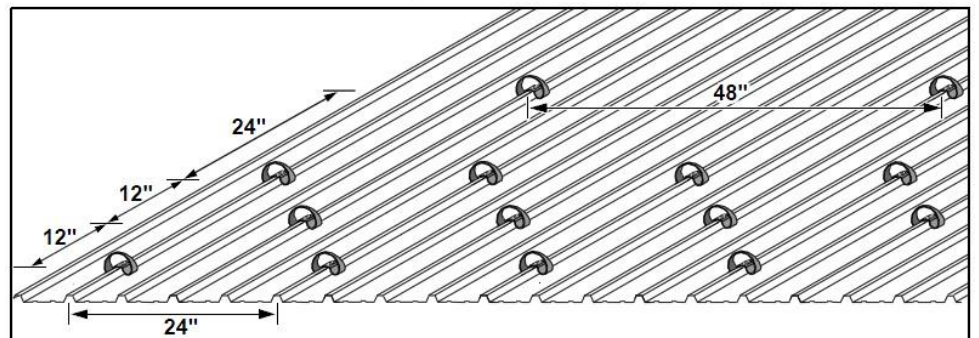
### Typical Installation

On roofs with a 75 psf or less Ground Snow Load and a 16/12 or less roof pitch. If roof pitch is greater than 16/12 please contact Alpine SnowGuards for more information.

Space first three rows 24" on center horizontally and 12" vertically. If the rafter length is 15' or less, you generally only need the three row pattern. Additional rows should be spaced 48" horizontally and 24" vertically to within 10' of the peak. This will require approximately twelve PD80 aluminum snow guards per square. Contact the manufacturer if your roof is outside of these measurements.



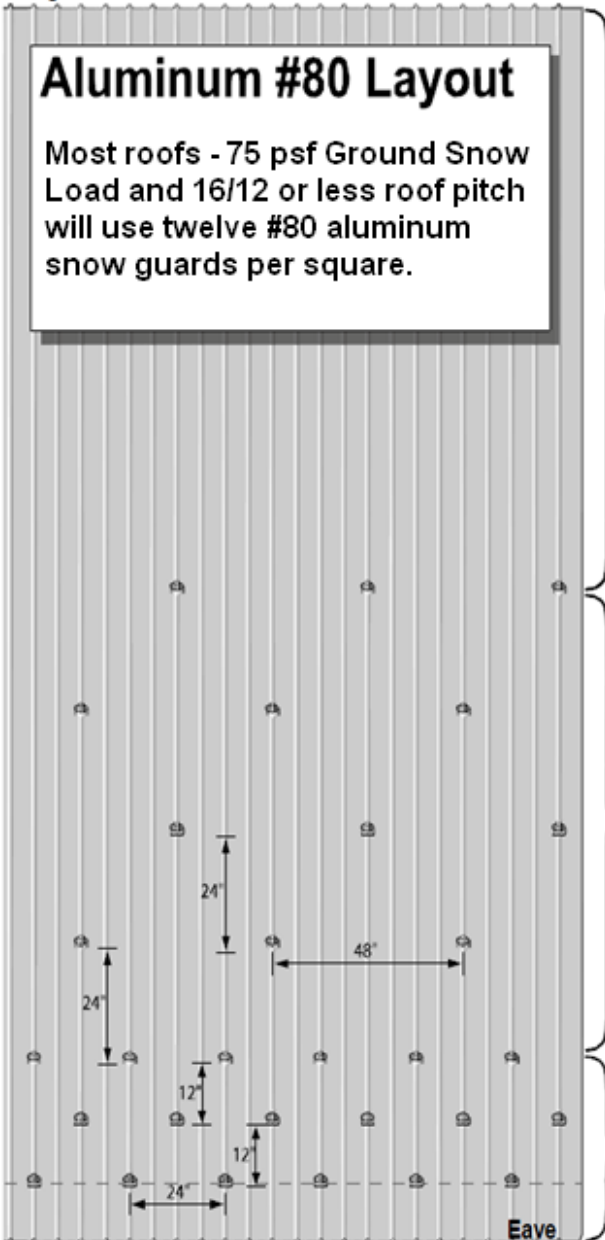
**Note: If using the PD80 aluminum on a raw steel roof, butyl tape or some other barrier should be used to keep the aluminum from coming in contact with the steel**



## Snow Guard Layout

The standard layout is shown below. For roofs with a less than 16/12 pitch and less than 75 psf Ground Snow Load you will need approximately twelve PD80 aluminum snow guards per square.

Ridge



**Note:** the layout for aluminum and steel #80 snow guards is not the same. Be sure to use the right layout. Not all corrugations are 12" (or a multiple of 12") on center. You may need to adjust your layout to fit twelve snow guards per square.

**Most Roofs Do Not Need Snow Guards on the Top 10'.**

### Supplemental Rows

Spaced around 48" on center horizontally and 24" vertically to within 10' of the ridge. You may need to adjust these measurements to fit your panel.

### Three Row Pattern – 24" On Center Horizontally and 12" Vertically.

Start at or above the line of the exterior supporting wall. Install snow guards 24" on center horizontally and 12" vertically with the middle row offset 12". Additional rows are required if the rafter length (distance gutter to peak) is greater than 15'.

Document version 04.28.2015

