

SnowMax - Corrugated Snow Guard Installation Instructions

ROOF TYPES

- New / Existing Metal Batten or Snap
- New / Existing Metal Corrugated or Ribbed

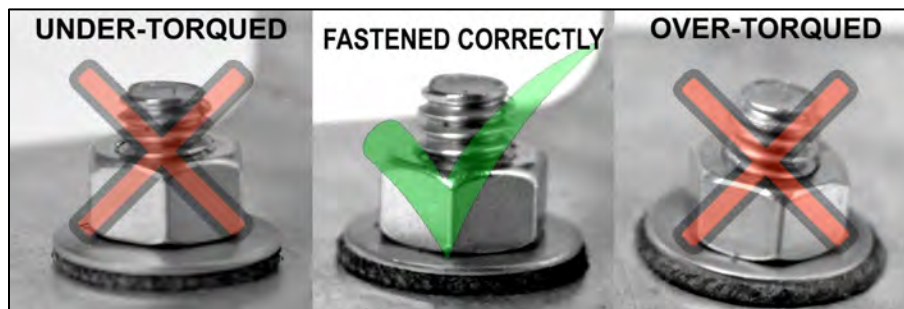
Note: SnowMax-Corrugated bracket must be installed on a roof surface with solid decking or structure beneath roofing material to create a proper seal. This system should not be installed on roof surfaces that have compressible insulation between roofing material and roof substructure.

INSTALLATION

1. Remove film from butyl tape located on bottom of bracket.
Place bracket on roof surface above a supporting structural component.
2. Using proper fasteners for project (consult with fastener manufacturer or project engineer), insert fasteners through bonded washers so the EPDM surface will engage top of bracket and stainless-steel surface is facing up.
3. Fasten to roof using two holes on bracket. Torque fasteners until bracket is pulled down snug to roof surface. When EPDM seal on bonded washer begins to compress out of the sides of the washer, the system is tight. The torque required will vary with the project, roof deck age and type. Be sure not to over torque fasteners and strip threads.

Use fig. 1 as a visual guide for correct torque.

fig. 1



Note: Metal roofs expand and contract due to thermal change. As a result, exposed fasteners sometimes move. Although it is not required, sealing perimeter of bracket using an acceptable sealant, such as clear silicone, is acceptable.

4. Place SNOWMAX-LITE-BAR into bracket's dovetail feature.
5. Install flange bolt into tapped hole on bracket, located behind bar. Tighten until bolt bottoms-out and bar is secure. (This will be a tight fit to the back vertical part of the bar).



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SNOW GUARD ACCESSORIES (OPTIONAL)

SnowMax-Color Insert

The face of the bar is designed to accept a 2" wide color insert. This is available in a limited color selection from Alpine SnowGuards. Many installers provide this part themselves using roofing material they have on hand.

SnowMax-Ice Flag-AL

- Ice flags are optional but recommended, at least on bottom tier of guards (assuming project needs more than one tier).
- Ice Flags are cut to length so flag does not rest on panel.
- To install, center Ice Flag between brackets and fasten with one Tek screw (provided).
- For brackets spaced 25" wide or wider, install two Ice Flags between brackets, spaced evenly.

Note: Once point of TEK screw is through metal, only tighten enough to engage TEK screw. Do not over-tighten or over-torque with a drill. Tighten by hand only to securely engage flag.

SNOW GUARD LAYOUT FOR BAR/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 is installed above outer most wall or support of the building.

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