

PP115 Snow Guard Installation Instructions

Typical Roof Types:

- New/existing membrane (EPDM, TPO, PVC)
- New/existing metal shingle

Base Plate Installation:

1. Place the base plate on top of the finished membrane roof.
Note: The threaded studs on the base plate are not centered.
Align the base plate so that the studs and the three fastener holes are on the up-slope end of the base plate.
2. Fasten base plate to the substructure (usually wood blocking is used for this bracket) using appropriate fasteners for the type and thickness of the decking. Make certain that the base plate cannot shift.
Note: Wood blocking must measure 2" larger than the perimeter of the base plate. Thickness of the wood blocking will vary, but must match the thickness of the installed insulation.

Membrane Flashing of Base Plate:

Note: Use an acceptable piece and size of flashing material to cover the base plate in a method acceptable to the membrane manufacturer. This is commonly referred to as a Target Patch. The size should be a minimum of 12" x 12". Each membrane manufacturer has specific requirements that must be met.

1. Cut two small holes in membrane flashing to fit tightly over threaded studs.
2. Before installing flashing, apply a generous amount of an architect-approved sealant around threaded studs on the base plate.
3. Apply flashing over base plate and seal the perimeter of the flashing to the deck sheet. The threaded studs are now the only part of the base plate exposed.

Note: Due to the sealant applied around the studs, there may be bleed-out at this opening. When the bracket is installed and tightened, this bleed-out will help to create a watertight compression seal.



PP115 Snow Guard Bracket Installation:

1. Place bracket over the threaded studs. The bracket will be centered on the base plate when installed properly.
2. Place one bonded washer over each stud and press them all the way down against the bracket.
3. Thread one nut down each stud and tighten.
4. Install Pipes, Couplings, End Caps and End Collars (refer to Pipe-Style Installation Instructions). Ice Flags are optional.

Snow guard layout for pipe style brackets

- Contact the manufacturer 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.

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