



PP115 Snow Guard Installation Instructions

ROOF TYPES

- New / Existing Membrane (EPDM, TPO, PVC)

BASE PLATE INSTALLATION

1. Place base plate on top of finished membrane roof.

Note: Threaded studs on base plate are not centered.

Align base plate so studs and three fastener holes are on up-slope end of base plate.

2. Fasten base plate to substructure (usually wood blocking is used for this bracket) using appropriate fasteners for type and thickness of decking. Make certain base plate cannot shift.

Note: Wood blocking must measure 2" larger than perimeter of base plate.

Thickness of wood blocking will vary, but must match thickness of installed insulation.

MEMBRANE FLASHING OF BASE PLATE

Note: Use an acceptable piece and size of flashing material to cover base plate in a method acceptable to 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 base plate.
3. Apply flashing over base plate and seal perimeter of flashing to deck sheet. Threaded studs are now the only part of base plate exposed.

Note: Due to sealant applied around studs, there may be bleed-out at this opening.

When bracket is installed and tightened, this bleed-out will help create a watertight compression seal.

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PP115 SNOW GUARD BRACKET INSTALLATION

1. Place bracket over threaded studs. The bracket will be centered on base plate when installed properly.
2. Place one bonded washer over each stud and press them all the way down against bracket.
3. Thread one nut down each stud and tighten. The nut should be tightened to approximately 15 inch-lbs, until EPDM on bonded washer is compressed. Use fig. 1 as a visual guide for correct torque.
4. Install Pipes, Couplings, End Caps and End Collars (refer to Pipe-Style Installation Instructions). Ice Flags are optional.

fig. 1



SNOW GUARD LAYOUT FOR 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 are installed above outer most wall or support of the building.