



## PP325 Snow Guard Installation Instructions for Slate, Synthetic, Shake & Flat Tile

### ROOF TYPES

- New / Existing Slate
- New / Existing Synthetic Slate
- New / Existing Cedar Shingle
- New / Existing Flat Tile

#### 1. Base Plate

Base plate is flat stainless-steel piece with (2) threaded studs.  
Bracket comes riveted to base plate in brass variation

A. Base plate will be same length as a shingle and will replace a slate, synthetic slate or cedar shingle.

B. Install base plate in roof assembly such that it replaces a slate, synthetic slate or cedar shingle.

C. Fasten base plate to roof deck using a minimum of (4) fasteners.

D. Continue installing a slate, synthetic slate, or cedar shingles around and over base plate.

E. Consult with an engineer, snow guard manufacturer or fastener company to determine the fastener required for attaching base plate to substructure.

#### 2. Locking Collars, End Caps, and Ice Flags (optional)

A. Locking collars (PP65) should be placed over each end of each line of tubing.

**Note:** You will have to stagger collars from outside to inside on 3 pipe styles.  
Center tubing on snow guards and tighten set screw on collar until it no longer slips.

B. PP56, end caps are installed by pressing cap into end of pipe.

C. PP95, ice flags, optional. If used, should be placed over top tube so that long leg rests against uphill side of tubes. Use bolt and nut to hold ice flag in position.

### 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.

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