

Installation Instructions for PP235 Snow Guard
(Ludowici Spanish, French & Flat)

- I. For Bolt Down Style Brackets on Tile Roofs
 - A. Brackets should be mounted onto the plate using the hex bolts (except for Ludowici Spanish stainless and brass, which are welded to the plate) before the plate has been screwed or bolted to the roof deck.
 - B. Consult with an engineer or fastener company to determine the fastener required to attach the base plate to the wood block. Fasteners must exceed 2000 pounds shear combined.
 - C. Plates should be securely bolted or screwed to the roof in place of a tile.
 - D. Insert tubing through the holes in the uprights.

- II. 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 may have to stagger the collars from outside to inside on 3 pipe styles.) Center the tubing on the snow guards and tighten the set screw on the collar until it no longer slips.
 - B. End caps (PP56) are installed by pressing the cap into the end of the pipe.
 - C. Ice flags (PP95), if used, should be placed over the top tube so that the long leg rests against the uphill side of the tubes. Use the bolt and nut to hold the ice flag in position.

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 is installed above outer most wall or support of the building.

Document version 04.24.2015

