

## PD41 and PD410FCU Snow Guard Installation Instructions

### ROOF TYPES

- New / Existing Tile (Flat, Flat Tile Interlocking, Mission, Round, "S" Tile, Spanish)

### PRE-INSTALLATION

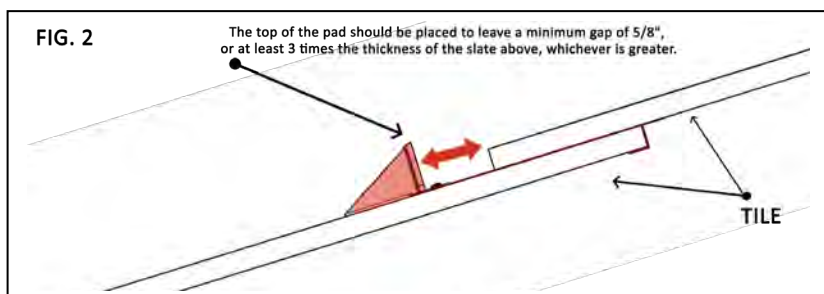
The maximum size for the PD41 is 6 1/2" (L), with a 1 1/4" hook (T) (*fig. 1*)

To determine the appropriate strap length (L), add the amount of hidden tile to 3x the thickness of the tile (*fig. 2*).

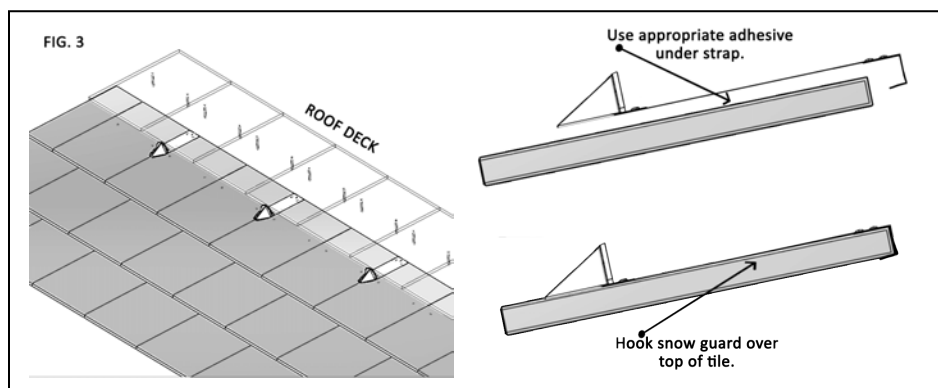
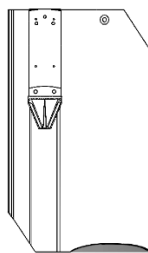
The minimum hook length (T) is 1". For thicker tiles, the hook may need to be longer than the thickness of the tile.

### INSTALLATION

1. Starting on the 3rd course of tiles, hook the snow guard over the top of the tile. Use an acceptable sealant under hook/strap to keep snow guard from shifting.



\*For projects utilizing Spanish/ Barrel tile, the snow guard should rest in the valley, as shown, as opposed to on top of the tiles rounded section.



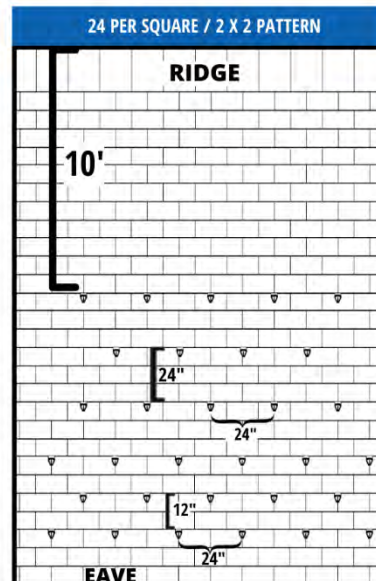
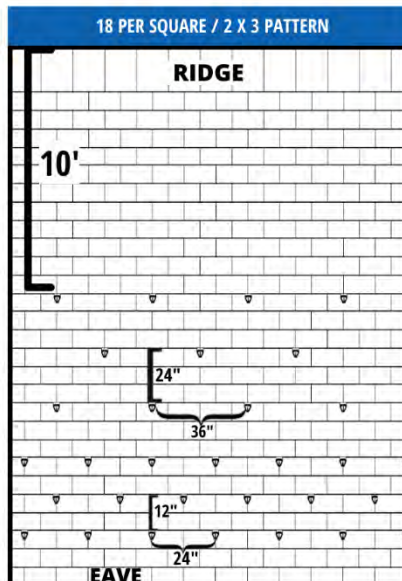
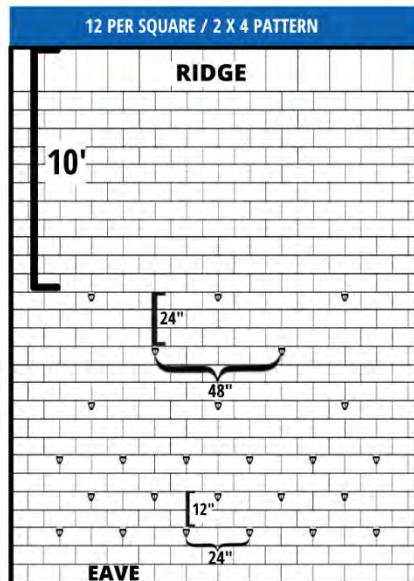
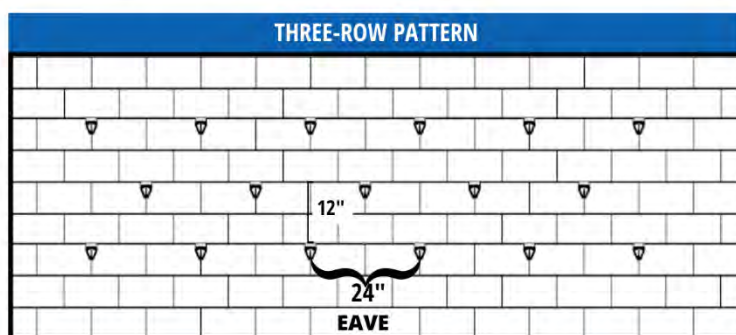
### STANDARD SNOW GUARD LAYOUT OPTIONS

**IMPORTANT:** All layouts begin with a 3-row pattern. Estimated quantities provided include 3-row pattern. If you have any questions, please contact us at 888-766-4273.

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Please use the guidelines below to determine appropriate layout for your installation.

PAD LAYOUT GUIDELINES					
Layout	Rafter Length	Ground Snow Load (PSF)	Roof Pitch	Est. Snow Guard QTY.	Spacing
3-Row Pattern	15' or Less	60 psf or Less	16/12 or Less	17 per 10' of Eave	3 rows, 24" on center horizontally with middle row staggered 12"
2 x 4 Pattern	Greater Than 15'	60 psf or Less	16/12 or Less	12 per roofing square	Space rows 2' vertically and 4' horizontally to within 10' of the ridge.
2 x 3 Pattern	Any	61 - 90 psf	16/12 or Less	18 per roofing square	Space rows 2' vertically and 3' horizontally to within 10' of the ridge.
2 x 2 Pattern	Any	91 - 120 psf	16/12 or Less	24 per roofing square	Space rows 2' vertically and 2' horizontally to within 10' of the ridge.



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