

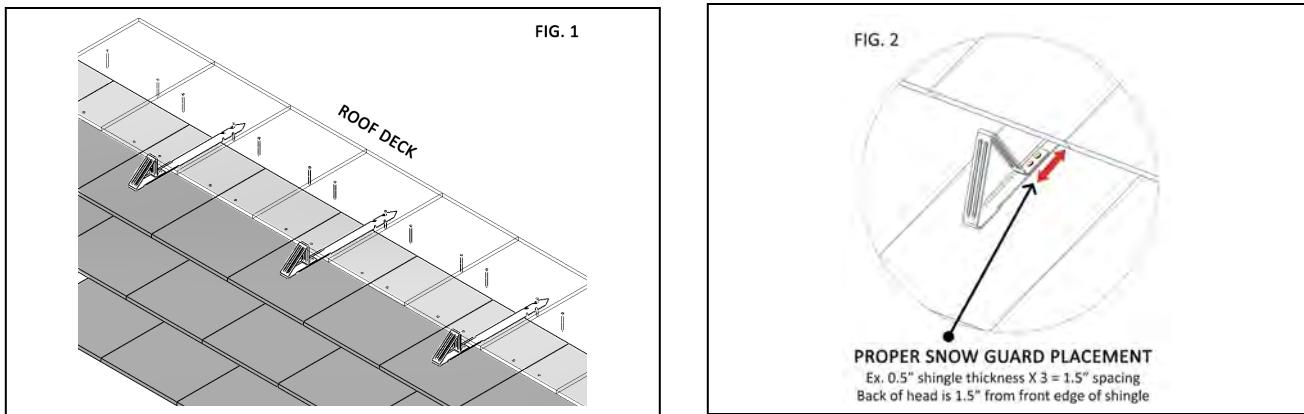
## PD50 Snow Guard Installation Instructions

### ROOF TYPES

- New / Existing Cedar Shingle
- New / Existing Composition (Asphalt) Shingle
- New / Existing Slate
- New / Existing Synthetic Shake or Slate
- New / Existing Tile (Flat, Mission, Round, "S" Tile, Spanish)

### NEW ROOF INSTALLATION

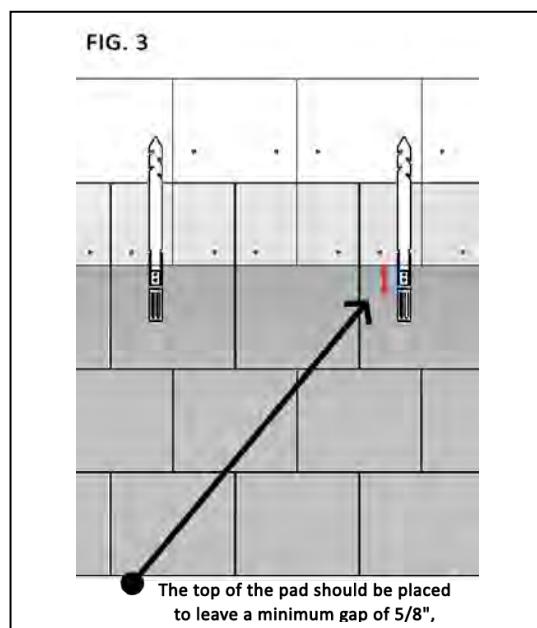
1. Install first 3 rows of roofing material (slate, tile or shingle. 2 rows for synthetic materials) and place strap of snow guard on roof deck (fig. 1).
2. Place snow guard low enough on all roofing materials to leave a minimum gap of 5/8", or at least 3 times the butt thickness of the shingle, between snow guard head & shingle above it (fig. 2).
3. Attach snow guard using a minimum of 2 fasteners of a material compatible with snow guard and roof system.



### EXISTING ROOF INSTALLATION

1. Slide snow guard up and between the rows of slate, positioning strap so it is able to hook onto one of the fasteners on the slate above the snow guard. Pull down into place so snow guard is well-seated.
2. It may be necessary to repeat step 1 until snow guard "hooks" properly. The top of the pad should be placed to leave a minimum gap of 5/8", or at least 3 times the thickness of the slate above, whichever is greater (fig. 3).

**NOTE:** Use appropriate retrofit hook to adequately space snow guard head 3 times the thickness of the roofing material. (See fig. 2)



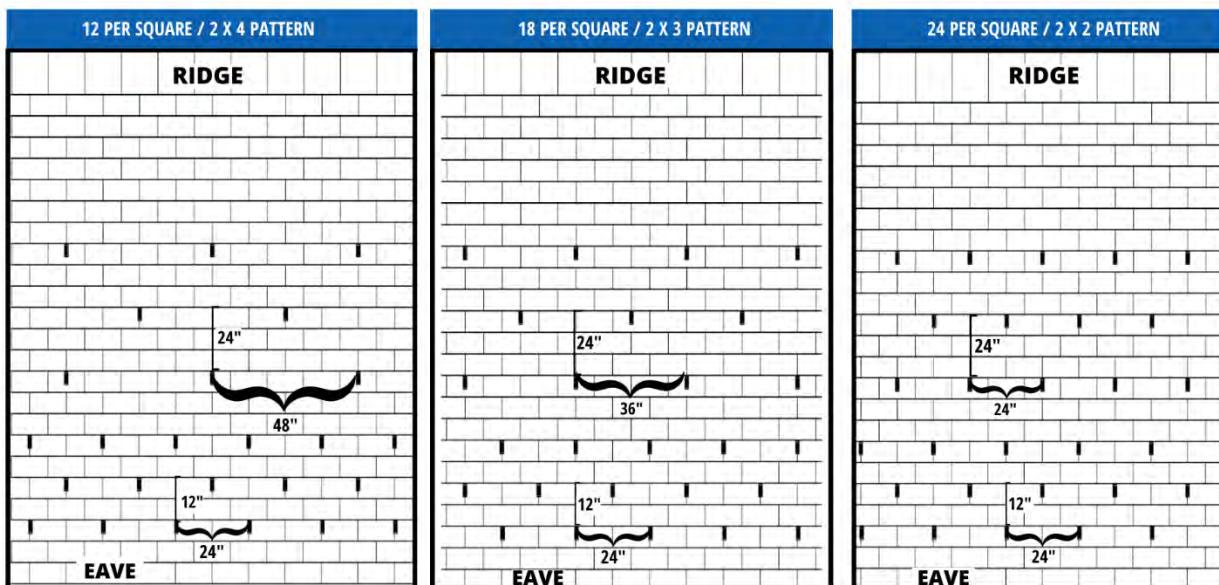
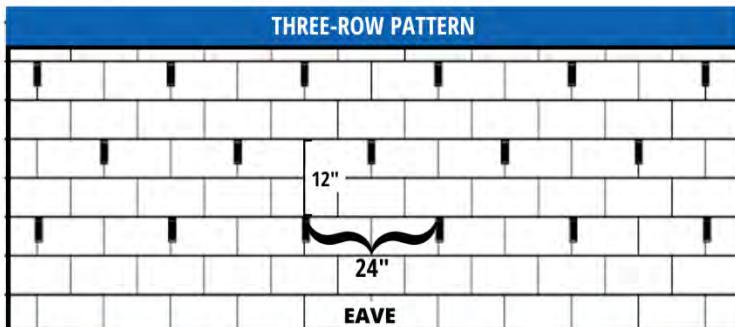
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### STANDARDSNOW GUARD LAYOUT OPTIONS

**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.

Please use the guidelines below to determine the 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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07 72 53 Snow Guards