

PD11 and PD110F-CU Snow Guard Installation Instructions

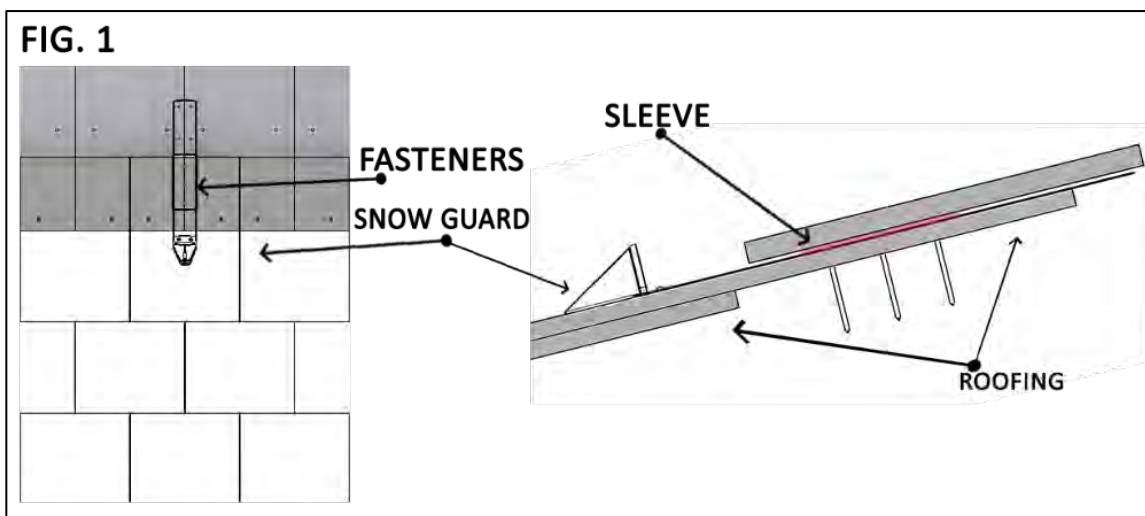
ROOF TYPES

- Existing Cedar Shingle (shown)
- Existing Composition (Asphalt) Shingle
- Existing Slate
- Existing Synthetic Shake or Slate (For synthetic materials $\leq 3/8$ " thickness)

INSTALLATION

Note: The PD11 is always installed between two slates or shingles.

1. Slide sleeve onto the bottom of snow guard strap.
2. Insert snow guard between the 3rd and 4th rows of roofing material, centering the strap over the joint of the course of roofing material above (fig. 1).
3. Insert 3 fasteners in a vertical line through the snow guard strap, through the slate or shingle, and into the roof deck. **Note:** For easier access to the snow guard strap, it may be useful to pry upper courses of roofing materials apart.
4. Fastener heads should be as flush as possible with the snow guard strap (a nail set or flat head screw driver may help), and covered with an acceptable sealant.
5. Slide the counter-flashing sleeve up into place over the fastener heads so that the top of the sleeve is under the course of shingles above. **Note:** To help the sleeve slide easier, it may help to spray the strap with silicone (avoid oil-based products that may run.) The sleeve is held in place by friction and the sealant used on the fastener heads.



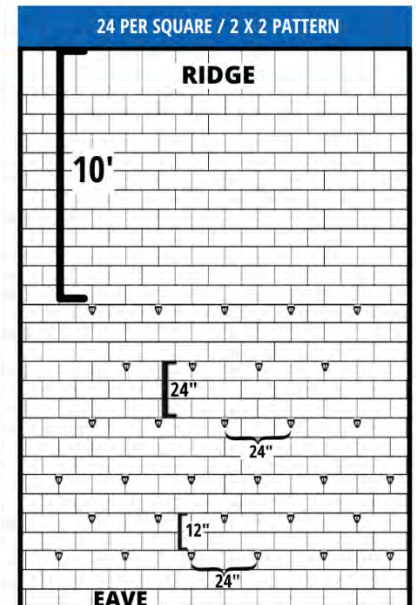
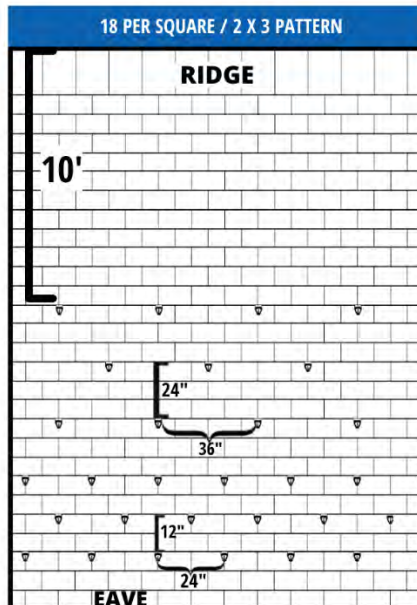
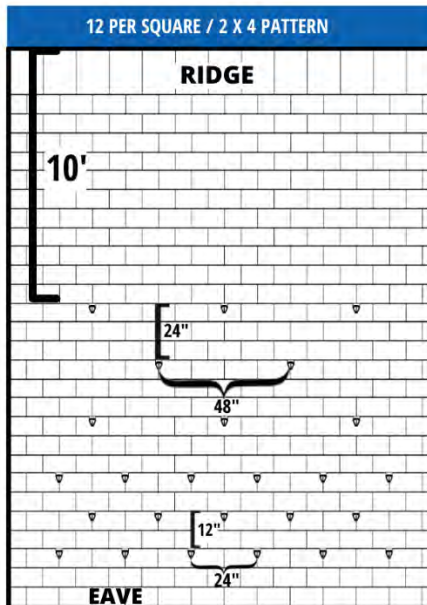
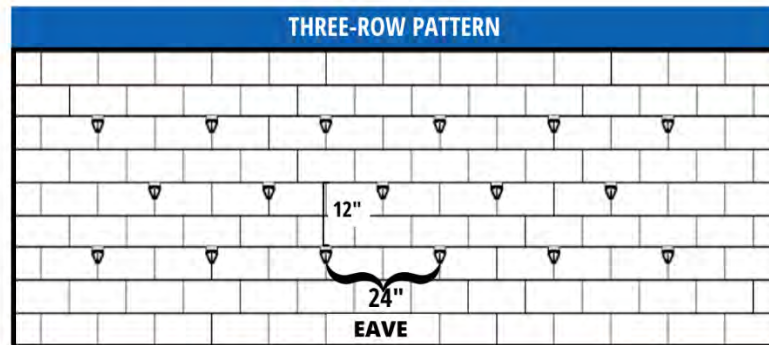
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STANDARD SNOW GUARD LAYOUT OPTIONS

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.

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.



Document Version 3.14.2023
Snow Guards 07 72 53