

WR316-GAL Wire Loop Snow Guard Installation Instructions

ROOF TYPES

- New Synthetic Slate (follow Cup Washer installation below)
- New Synthetic Shake (follow Cup Washer installation below)
- New or Retrofit F-Wave Revia (Bushing & Bonded washer installation below)

INSTALLATION

Cup Washer (Recommended for New Synthetic and New Shake)

1. Install two courses of shingles.
2. Install row of snow guards:
 - a.) For single or multi-width synthetic slate or shake, insert fastener into cup washer and eyelet of snow guard and fasten into roof deck at or above nail line of shingle in keyway (fig. 1).
 - b.) For DaVinci BellaForté synthetic slate or shake, insert fastener into cup washer and eyelet of snow guard, and fasten into roof deck at or above nail line within keyway (fig. 2).
3. Install additional shingle courses, and repeat for entire roof surface, completing snow guard layout.

Figure 1

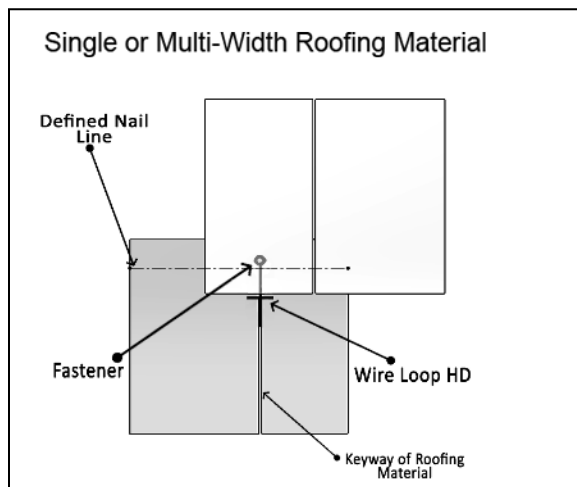
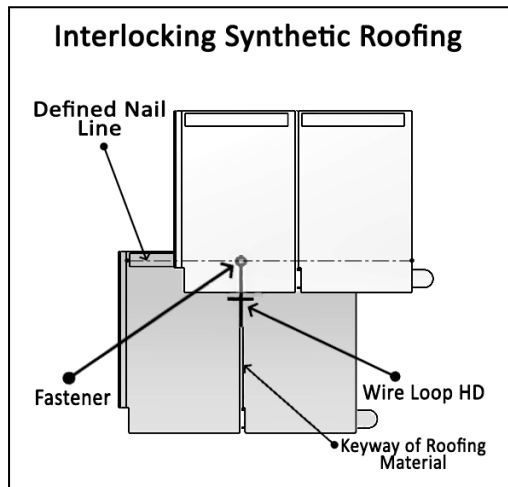


Figure 2



WR316-GAL Wire Loop Snow Guard Installation Instructions

BUSHING & BONDED WASHER (RECOMMENDED FOR F-WAVE REVIA)

1. Insert included rubber bushing into small top loop of Wire Loop HD snow guard.
Backfill rubber bushing with roof manufacturer approved sealant.
2. Set in place on 3rd course of shingles.
For Estate Series profile shingles, snow guard should sit on face of the shingle between notch in the upper course. (fig. 1)
For all other styles, snow guard should sit on face or in keyway just under upper course of shingles. (fig. 2)

Note: To maintain integrity of adhesive layer between F-Wave Revia Shingles, do not insert or install snow guard between shingle layers.

3. Insert fastener into included EPDM/stainless steel bonded washer, through rubber bushing and sealant, and fasten snow guard into roof deck.

Note: Do not overtighten fasteners. Overtightening may cause damage to EPDM layer on washer and may cause snow guard to lift off roof surface.

4. Apply roof manufacturers approved sealant around fastener after being secured to roof deck. (Optional)

Figure 1

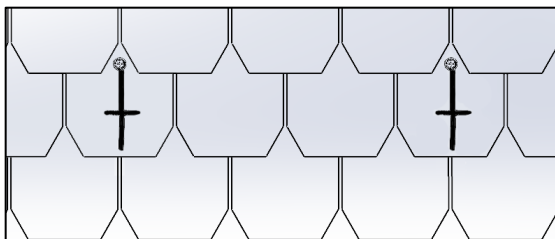
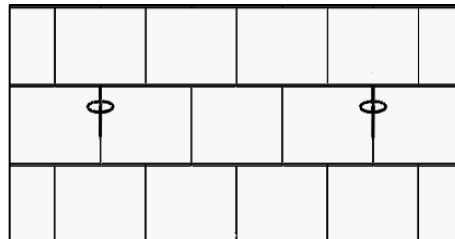


Figure 2



WIRE LOOP HD STYLE SNOW GUARD LAYOUT FOR NEW SLATE & SYNTHETIC SHINGLE ROOFING

- Contact manufacturer for detailed layout.
- First row of snow guards is placed above outer most wall or support of the building.
- Quantities per square should be installed in a regular pattern over entire roof surface to within 5 feet of the ridge.
- To estimate quantities, multiply above "quantity per square" by number of roofing squares of roof area. A roofing square is 100 square feet.
- The quantity per square is based on a 225 lb. holding capability (includes 2.0 X safety margin) per snow guard.
- If you have any questions, please contact us at 888-766-4273.

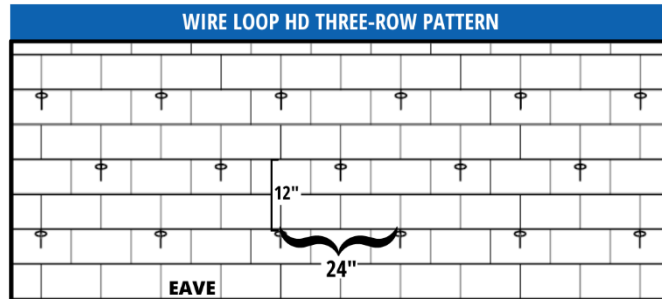
Alpine SnowGuards®, a Division of Vermont Slate & Copper Services, Inc.

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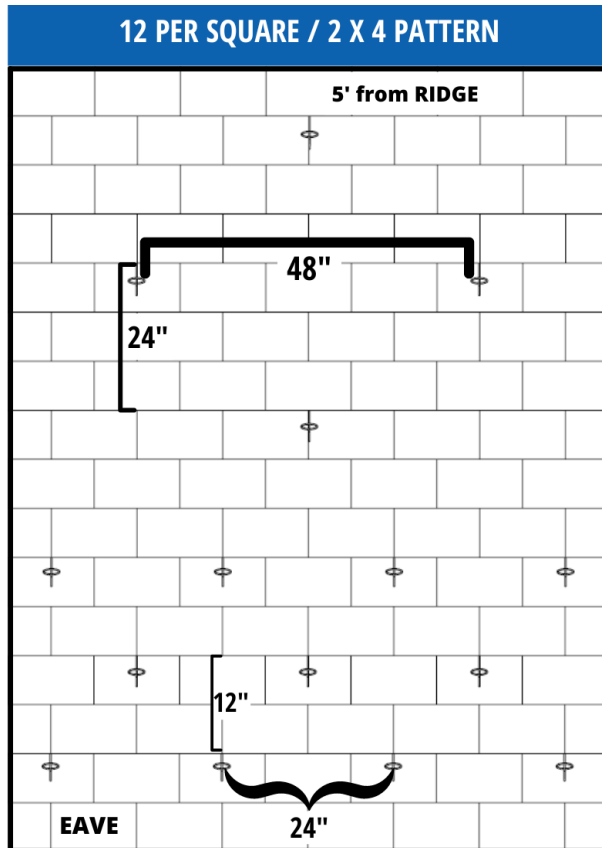
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QUANTITIES FOR WIRE LOOP SNOW GUARD FOR NEW SLATE & SYNTHETIC SHINGLE ROOFING

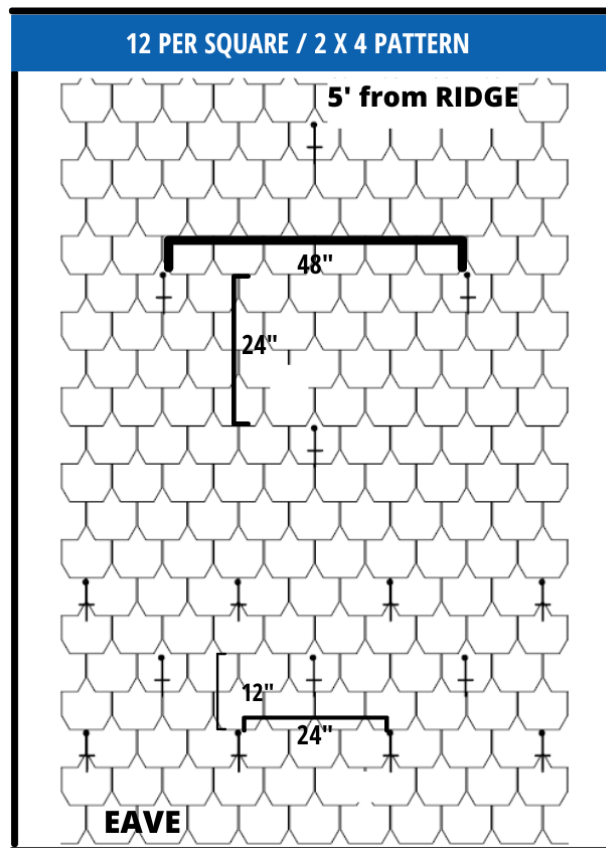
PROJECT DETAIL			LAYOUT DETAILS		
Roof Pitch	Rafter Length	Ground Snow Load (psf)	Layout	Est. Snow Guard Qty	Spacing
8/12 or Less	15' or Less	60 psf or Less	3-Row Pattern	17 per 10' of Eave	3 rows, 24" on center horizontally with the middle row staggered 12". Rows vertically spaced every other course.
	Greater than 15'	60 psf or Less	2 x 4 Pattern	12 Per Roofing Square	Space rows 2' vertically by 4' horizontally to within 5' of the ridge.



New Synthetic Slate & Shake



F-Wave Revia



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