

### **Installation Instructions (Slate/Tile/Synthetic ):**

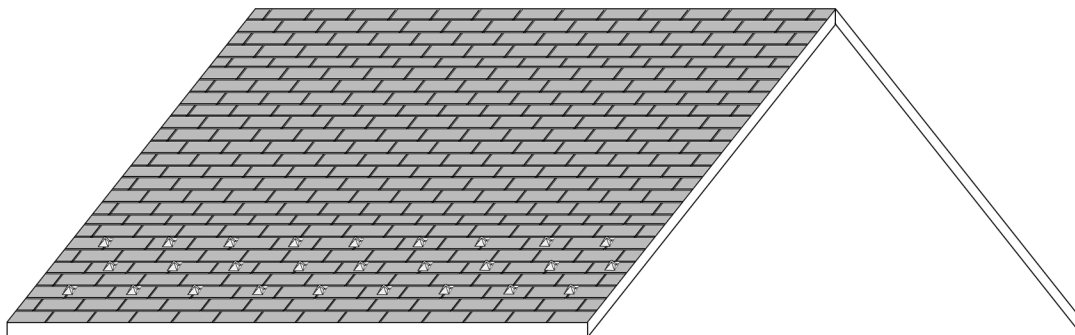
1. The first course of snow guards should be no lower than 22" from eave of roof and spaced 24" apart.
2. Determine spacing gap for snow guards/shingle by using chart on page 3. (Spacing gap must be a minimum of 5/8".)
3. Use minimum of two fasteners that are compadible with roof decking and snow guard material to afix snowguard to deck.
4. Install second course of snow guards between 22" - 36" above first course. Repeat pattern 22"-36" above this course.
5. Install a minimum of 3 courses on rafter runs less than 25', runs greater please refer to pg 1 for quanitiy of courses.

### **Installation Instructions (Asphalt Shingles)**

1. The first course of snow guards should be no lower than 22" from eave of roof and spaced 24" apart.
2. Determine spacing gap for snow guards/shingle by using chart on page 3. (Spacing gap must be a minimum of 5/8".)
3. Use minimum of two fasteners that are compadible with roof decking and snow guard material to afix snowguard to deck.
4. Install second course of snow guards between 22" - 36" above first course.
5. Install a minimum of 2 courses on rafter runs less than 25', runs greater please refer to pg 1 for quanitiy of courses.

### **Tips:**

1. Every project is different, contact use today for a free consultation on layout.
2. Quantity of rows is set by rafter length as well as the climate of project location.
3. Due to ashphalt shingles ability to grip on snow so well, 2 course on most application are sufficent.

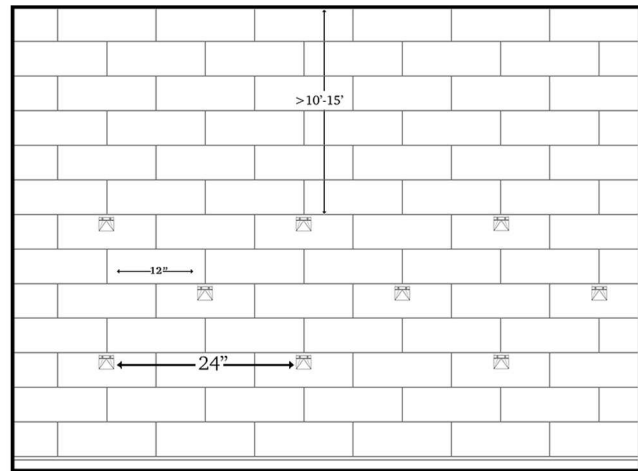


## INSTALLATION INSTRUCTIONS #15 SNOW GUARD

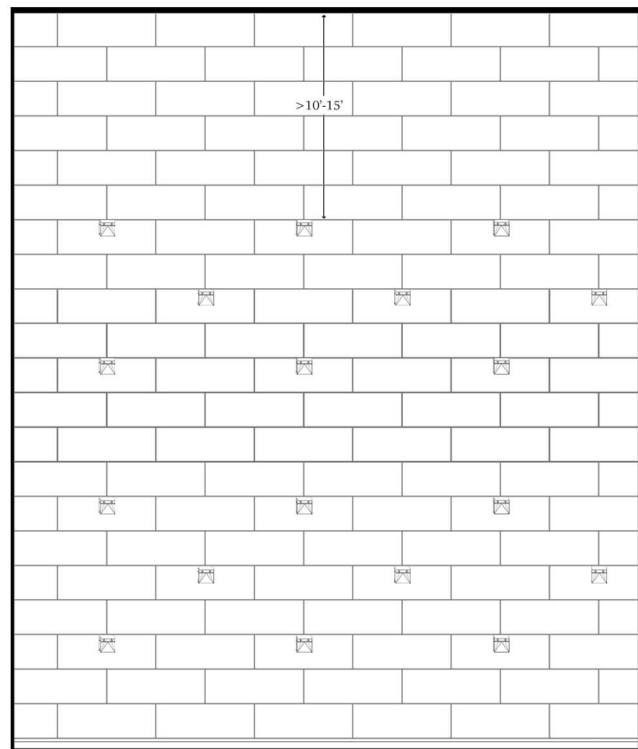
Common installation will use our “W” layout. There are a couple variables that will determine the amount of courses needed as well as the distance between each individual snow guard.

-Ground Snow Load PSF (pounds per square foot) is how you determine distance between each individual snow guard. If the project is in an area with a ground snow load  $<120$  psf, we offer a free consultation on snow guard layout. If your project is located in an area with  $>120$  psf our standard “W” pattern is our recommended layout. \*

-Rafter length is how you determine the amount of courses needed. In general, any rafter length under 20' will need a single “W” pattern on the 3rd, 5th, and 7th course. In the diagram below for example, a second, “W” course was laid out to bring the distance from top snow guard course to rafter within acceptable range ( $>10'-15'$ ).

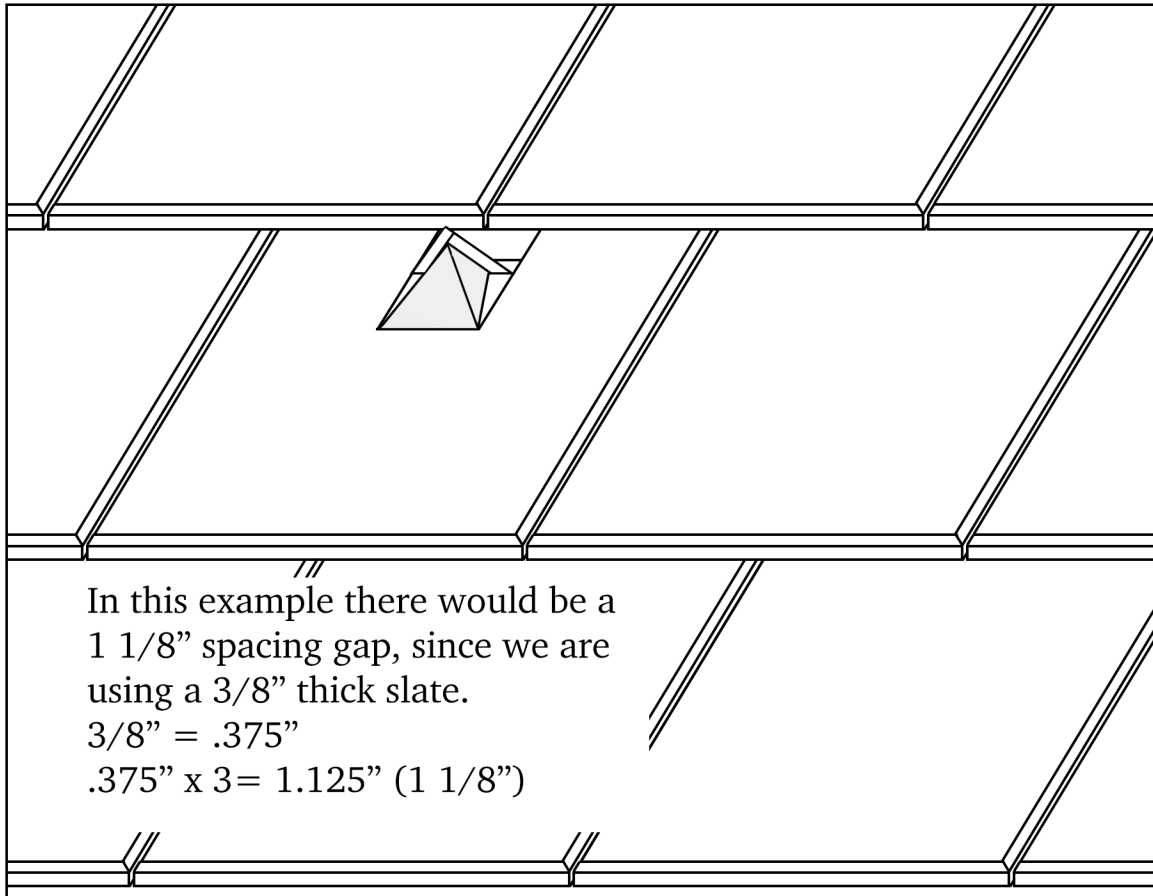


Rafter length under 20' total, single “W” pattern



Rafter length over 20' total, double “W” pattern





To determine the spacing between the snow guard face and roofing material edge, multiple the thickness of roofing material x 3. The minimum distance between snow guard face and roofing material should be no less than 5/8", dont not butt up snow guard to roofing material.

