

SNOW GUARD SPACING GUIDELINES

OBJECTIVE: Distribute snow guards uniformly throughout the sloped surface of the roof. With this method the snow guards hold the snow evenly, preventing slides and keeping a balanced snow load.

START FIRST HORIZONTAL ROW 24" – 36" FROM EAVES: This allows the first 2 – 3 feet of snow to shed off roof, preventing snow accumulation at the eaves.

VERTICAL SPACING OF ROWS FOR ALL ROOF TYPES:

ROOF SLOPE	VERTICAL SPACING BETWEEN ROWS
1/12	34"
2/12	34"
3/12	32"
4/12	30"
5/12	28"
6/12	24"
7/12	20"
8/12	18"
9/12	18"
10/12	16"
11/12	16"
12/12	14"
13/12 and greater	12" > 12/12 do not expect 100% result. Guards may only act to break up snow on very steep slopes.
STAGGER ROWS COURSE TO COURSE CONTINUING UP THE ROOF TO THE RIDGE AT TOP	

long way

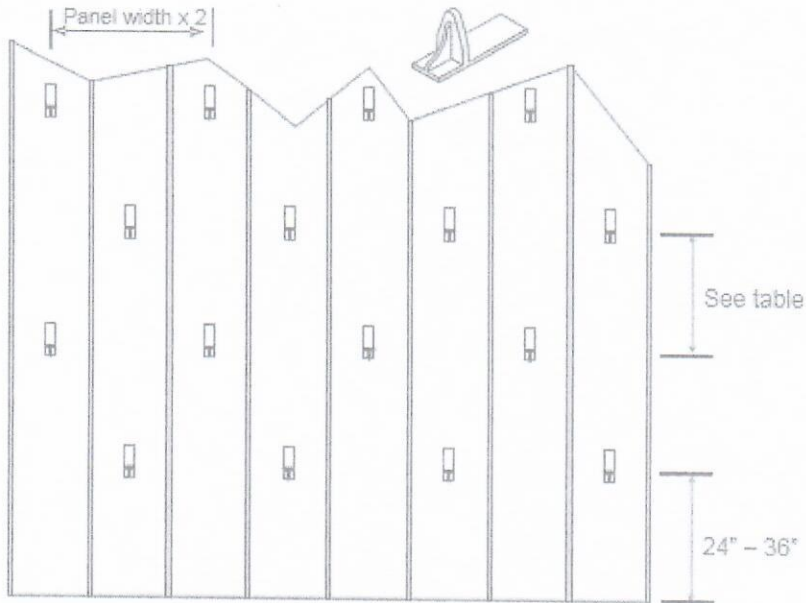
Asphalt shingles

*3' Apart
Both ways*

3x 3'

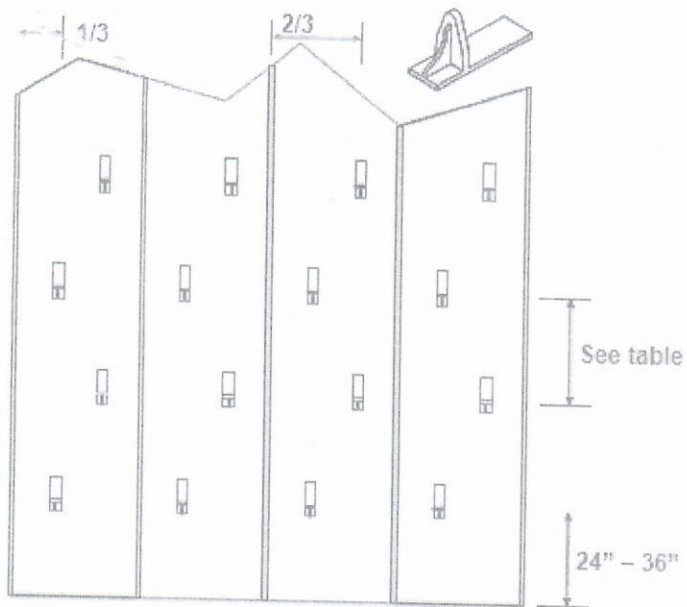
HORIZONTAL SPACING OF SNOW GUARDS WITHIN A ROW:

Panel size is less than 12": One snow guard in the center of every other panel



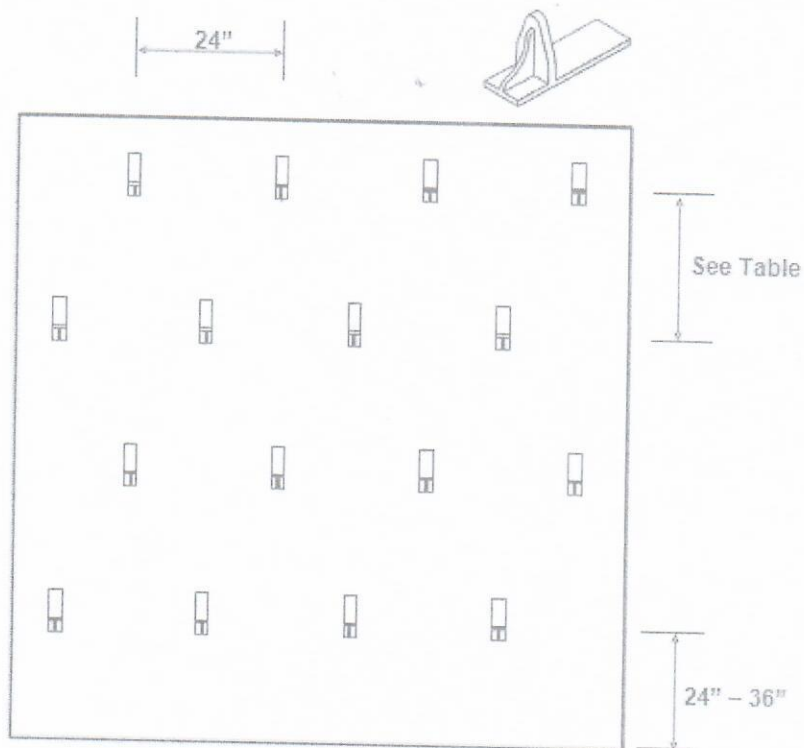
Panel size is greater than 12":

- First row 1/3 in from the standing seam
- Second row 2/3 in from the standing seam
- Third row 1/3 in from the standing seam
- Fourth row 2/3 in from the standing seam (continue staggered pattern for all rows)



Flat Seam Metal Roof, Rubber Roof, TPO Roof, PVC Roof, Glass Roof:

Horizontally space snow guards 24" apart

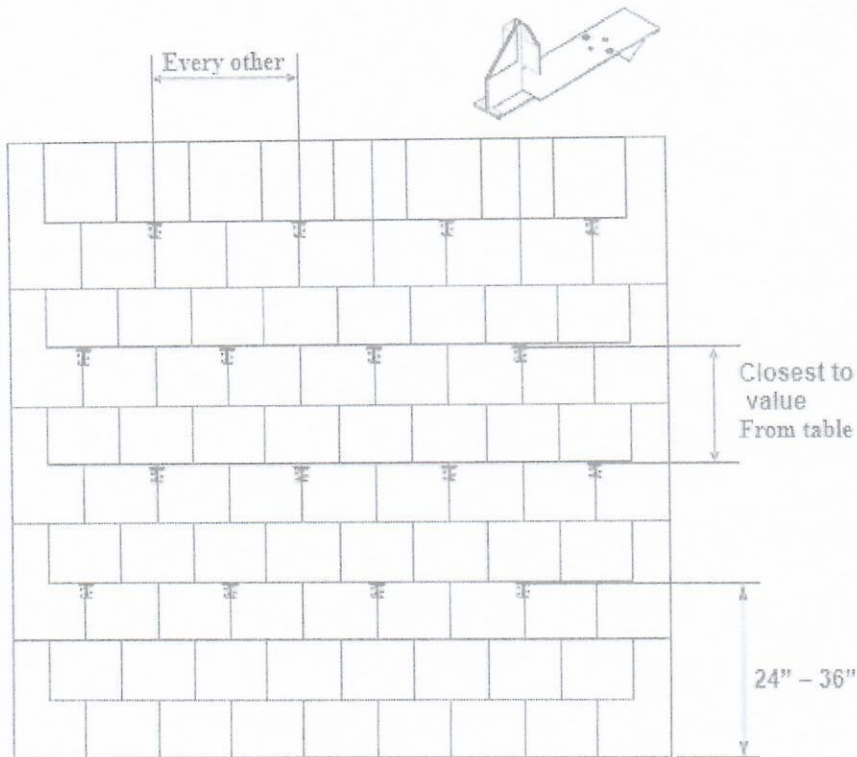


SLATE AND TILE ROOFS:

Use metal snow guards (models 4, 6, 8, 12, or 13) that slide between the slate or tile and clip on to the head edge of the course below. See <http://snowguards.com/slateinstall.htm> for installation animation.

Vertical rows: The exposure to weather ultimately determines the increments for vertical placement. Use the table to determine the closest value. (example: slope is 6/12 so vertical rows would be 24 inches apart. Slate exposure is 8" so there would be a row of snow guards every third slate ($8" \times 3 = 24"$))

Horizontal placement: determined by slate width. One snow guard in every other slate. On very steep roofs consider one snow guard in every slate.



6/12 -
30" spaced vertical row
6x

10/12 -

10 Slate width