

Spacing Chart for PD80 Aluminum Snow Guard

Calculating snow guard quantities per square for the PD80 snow guard for metal corrugated roofs.

Ground Snow Load in Pounds per Square Foot

	75 or Less	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150
1	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
2	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
3	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
4	12	12	12	12	12	12	12	12	12	12	12	13	13	14	14	15
5	12	12	12	12	12	12	12	13	14	14	15	15	16	17	17	18
6	12	12	12	12	13	13	14	15	15	16	17	17	18	19	19	20
7	12	12	12	13	14	15	15	16	17	17	18	19	20	20	21	22
8	12	12	13	14	15	15	16	17	18	18	19	20	21	22	22	23
9	12	13	14	14	15	16	17	18	18	19	20	21	22	22	23	24
10	12	13	14	15	16	16	17	18	19	20	20	21	22	23	24	25
11	12	13	14	15	16	17	17	18	19	20	21	22	22	23	24	25
12	12	13	14	15	16	17	18	18	19	20	21	22	23	23	24	25
13	12	13	14	15	16	17	17	18	19	20	21	22	22	23	24	25
14	12	13	14	15	16	16	17	18	19	20	21	21	22	23	24	25
15	12	13	14	15	15	16	17	18	19	20	20	21	22	23	24	24
16	12	13	14	14	15	16	17	18	18	19	20	21	22	22	23	24
17	12	13	13	14	15	16	16	17	18	19	20	20	21	22	23	24
18	12	12	13	14	15	15	16	17	18	18	19	20	21	22	22	23
19	12	12	13	14	14	15	16	17	17	18	19	20	20	21	22	23
20	12	12	13	13	14	15	15	16	17	18	18	19	20	21	21	22
21	12	12	12	13	14	14	15	16	17	17	18	19	19	20	21	22
22	12	12	12	13	13	13	15	15	16	17	18	18	19	20	20	21
23	12	12	12	12	13	13	14	15	16	16	17	18	18	19	20	21
24	12	12	12	12	13	13	14	15	15	16	17	17	18	19	19	20

Values in chart refer to the number of snow guards per square.

The three row pattern (pictured right) should be installed along all eaves. Quantities per square (chart above) should be installed above the three row pattern along eave over the entire roof surface **to within 10 feet of the ridge.**





To estimate quantities, multiply the above “quantity per square” by the number of squares of roof area. This quantity does count for the three row pattern along the eave.

If the rafter length is 15’ or less, in a 75psf snow load or less area, only the three row pattern along the eave is needed. The three row pattern alone requires 17 snow guards per 10’ eave.

The quantity per square is based on a 600lb holding capability (includes 2X+safety margin) per snow guard.

Any questions call Alpine SnowGuards at 1-888-766-4273

It is highly recommended that you contact the manufacturer for a recommended layout.

Document version 02.13.2018

