

SHAKE Panel Calculation Chart - 20-pcs / SQ

Rafter Length in feet	SHAKE PANEL Courses from Fascia to Ridge	Overall Roof Length in feet	SHAKE PANELS Across from rake to rake	SHAKE	
1' - 1-1/2"	1	4' - 1-1/2"	1	SHAKE PANEL DIMENSIONS (Cover Lengths)	
2' - 4"	2	8' - 3"	2		
3' - 6-1/2"	3	12' - 4-1/2"	3		
4' - 9"	4	16' - 6"	4		
5' - 11-1/2"	5	20' - 7-1/2"	5		
7' - 2"	6	24' - 9"	6		Cover Depth = 14-1/2"
8' - 4-1/2"	7	28' - 10-1/2"	7		Cover Length = 49-1/2"
9' - 7"	8	33' - 0"	8		COVER = 20 - panels per Sq
10' - 9-1/2"	9	37' - 1-1/2"	9		(actual = 20.0627panels)
12' - 0"	10	41' - 3"	10		
13' - 2-1/2"	11	45' - 4-1/2"	11		
14' - 5"	12	49' - 6"	12		
15' - 7-1/2"	13	53' - 7-1/2"	13		
17' - 10"	14	57' - 9"	14		
18' - 1-1/2"	15	61' - 10-1/2"	15		
19' - 3"	16	66' - 0"	16		
20' - 5-1/2"	17	70' - 1-1/2"	17		
21' - 8"	18	74' - 3"	18		
22' - 10-1/2"	19	78' - 4-1/2"	19		
24' - 1"	20	82' - 6"	20		
25' - 3-1/2"	21	86' - 7-1/2"	21		
26' - 6"	22	90' - 9"	22		
27' - 8-1/2"	23	94' - 10-1/2"	23		
28' - 11"	24	99' - 0"	24		
30' - 1-1/2"	25	103' - 1-1/2"	25		
31' - 4"	26	107' - 3"	26		
32' - 6-1/2"	27	111' - 4-1/2"	27		
33' - 9"	28	115' - 6"	28		
34' - 11-1/2"	29	119' - 7-1/2"	29		
36' - 2"	30	123' - 9"	30		
37' - 4-1/2"	31	127' - 10-1/2"	31		
38' - 7"	32	132' - 0"	32		
39' - 9-1/2"	33	136' - 1-1/2"	33		
41' - 0"	34	140' - 3"	34		
42' - 2-1/2"	35	144' - 4-1/2"	35		
43' - 5"	36	148' - 6"	36		
44' - 7-1/2"	37	152' - 7-1/2"	37		
45' - 10"	38	156' - 9"	38		
47' - 1-1/2"	39	160' - 10-1/2"	39		
48' - 3"	40	165' - 0"	40		
49' - 5-1/2"	41	169' - 1-1/2"	41		
50' - 8"	42	173' - 3"	42		
51' - 10-1/2"	43	177' - 4-1/2"	43		