

Number of Slate Per Square and Nails Required for Slate Sizes

Slate Size	Pcs. Per Sq.	1 1/2"	1 3/4"	2"
24" x 14"	98	1.34 lb / sq.	1.57 lb / sq.	1.78 lb / sq.
24" x 12"	115	1.56 lb / sq.	1.82 lb / sq.	2.07 lb / sq.
22" x 14"	108	1.48 lb / sq.	1.73 lb / sq.	1.96 lb / sq.
22" x 12"	126	1.73 lb / sq.	2.02 lb / sq.	2.29 lb / sq.
22" x 11"	137	1.89 lb / sq.	2.21 lb / sq.	2.51 lb / sq.
20" x 14"	121	1.66 lb /sq.	1.94 lb /sq.	2.20 lb / sq.
20" x 12"	141	1.93 lb /sq.	2.26 lb / sq.	2.56 lb / sq.
20" x 11"	154	2.11 lb / sq.	2.46 lb / sq.	2.80 lb / sq.
20" x 10"	170	2.32 lb / sq.	2.70 lb / sq.	3.07 lb / sq.
18" x 14"	137	1.88 lb / sq.	2.19 lb / sq.	2.49 lb / sq.
18" x 12"	160	2.19 lb / sq.	2.56 lb / sq.	2.91 lb / sq.
18" x 11"	175	2.40 lb / sq.	2.80 lb / sq.	3.18 lb / sq.
18" x 10"	192	2.63 lb / sq.	3.07 lb / sq.	3.49 lb / sq.
18" x 9"	213	2.92 lb / sq.	3.41 lb / sq.	3.87 lb / sq.
16" x 14"	158	2.16 lb / sq.	2.53 lb / sq.	2.87 lb / sq.
16" x 12"	185	2.53 lb / sq.	2.96 lb / sq.	3.36 lb / sq.
16" x 11"	201	2.75 lb / sq.	3.22 lb / sq.	3.65 lb / sq.
16" x 10"	222	3.04 lb / sq.	3.55 lb / sq.	4.40 lb / sq.
16" x 9"	246	3.37 lb / sq.	3.94 lb / sq.	4.47 lb / sq.
16" x 8"	277	3.79 lb / sq.	4.43 lb / sq.	5.04 lb / sq.
14" x 14"	187	2.56 lb / sq.	2.99 lb / sq.	3.40 lb / sq.
14" x 12"	218	2.99 lb / sq.	3.49 lb / sq.	3.96 lb / sq.
14" x 11"	238	3.26 lb / sq.	3.26 lb / sq.	4.33 lb / sq.
14" x 10"	262	3.59 lb / sq.	4.19 lb / sq.	4.76 lb / sq.
14" x 9"	291	3.99 lb / sq.	4.66 lb / sq.	5.29 lb / sq.
14" x 8"	327	4.48 lb / sq.	5.23 lb / sq.	5.95 lb / sq.
14" x 7"	374	5.12 lb / sq.	5.98 lb / sq.	6.80 lb / sq.
12" x 12"	267	3.66 lb / sq.	4.27 lb / sq.	4.85 lb / sq.
12" x 10"	320	4.38 lb / sq.	5.12 lb / sq.	5.82 lb / sq.
12" x 9"	356	4.88 lb /sq.	5.70 lb / sq.	6.47 lb / sq.
12" x 8"	400	5.48 lb /sq.	6.40 lb / sq.	7.27 lb / sq.
12" x 7"	457	6.26 lb /sq.	7.31 lb / sq.	8.31 lb / sq.
12" x 6"	534	7.30 lb /sq.	8.63 lb / sq.	9.69 lb / sq.

Nail Length Formula [2 x slate thickness + 1 inch]

<u>Slate Thickness</u>	<u>Nail Length</u>
3/16"	1 3/8"
1/4"	1 1/2"
3/8"	1 3/4"
1/2"	2"
3/4"	2 1/2"
1"	3"