

COVERAGE AND EXPOSURE TABLES

Shingle Coverage Table 1

LENGTH AND THICKNESS	Approximate coverage of one square (4 bundles) of shingles based on following weather exposures								
	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	6 1/2"	7"	7 1/2"
16" x 5/2"	70	80	90	100*					
18" x 5/2 1/4"		72 1/2	81 1/2	90 1/2	100*				
24" x 4/2"					73 1/2	80	86 1/2	93	100*

NOTE: * Maximum exposure recommended for roofs.

Shingle Exposure Table 2

SLOPE	Maximum exposure recommended for roofs								
	LENGTH								
	Number 1 Blue Label			Number 2 Red Label			Number 3 Black Label		
	16"	18"	24"	16"	18"	24"	16"	18"	24"
3:12 to 4:12	3 3/4"	4 1/4"	5 3/4"	3 1/2"	4"	5 1/2"	3"	3 1/2"	5"
4:12 and steeper	5"	5 1/2"	7 1/2"	4"	4 1/2"	6 1/2"	3 1/2"	4"	5 1/2"

Shake Coverage Table 3 see footnote (f) below

SHAKE TYPE, LENGTH AND THICKNESS	Approximate coverage (in sq. ft.) of one square, when shakes are applied with an average 1/2" spacing, at following weather exposures, in inches (d):				
	5	5 1/2	7 1/2	8 1/2	10
18" x 1/2" Handsplit-and-Resawn Mediums (a)*	–	75(b,f)	100(f,c)	–	–
18" x 3/4" Handsplit-and-Resawn Heavies (a)*	–	75(b,f)	100(f,c)	–	–
18" x 5/8" Tapersawn*	–	Approx. 75(b)	100(f,c)	–	–
24" x 3/8" Handsplit	–	–	75(e)	–	–
24" x 1/2" Handsplit-and-Resawn Mediums	–	–	75(b)	85	100(c)
24" x 3/4" Handsplit-and-Resawn Heavies	–	–	75(b)	85	100(c)
24" x 5/8" Tapersawn	–	–	75(b)	85	100(c)
24" x 1/2" Tapersplit	–	–	75(b)	85	100(c)
18" x 3/8" Straight-Split	–	65(b)	90(c)	–	–
24" x 3/8" Straight-Split	–	–	75(b)	85	100(c)
15" Starter-Finish course	Use supplementary with shakes applied not over 10" weather exposure.				

(a) 5 bundles will cover 100 sq. ft. roof area when used as starter-finish course at 10" weather exposure; 7 bundles will cover 100 sq. ft. roof area at 7 1/2" weather exposure; see footnote (d).

(b) Maximum recommended weather exposure for 3-ply roof construction.

(c) Maximum recommended weather exposure for 2-ply roof construction.

(d) All coverage based on an average 1/2" spacing between shakes.

(e) Maximum recommended weather exposure.

*100 sq. ft. coverage is based on 12/12 pack, 5 bundle square, at 7 1/2" exposure.

(f) Note: While most shakes are packed in bundles of 12 courses each side (12/12) they may be packed 9/9. This will alter the number of bundles required to cover 1 square.

For example: 18" shake bundles 12/12 should cover 100 square feet at 7 1/2" exposure. 9/9 pack should give 75% coverage of a square. Check with your supplier to confirm specific packaging (bundle size) used for your order.

Shake Exposure Table 4

SLOPE	Maximum exposure recommended for roofs	
	LENGTH	
	18"	24"
4:12 and steeper	7 1/2"	10" (a)

(a) 24" x 3/8" handsplit shakes limited to 7 1/2" maximum weather exposure per UBC and IBC.

Formula for calculating material at reduced exposures:
 Square footage divided by reduced coverage = total material required e.g. you are estimating a roof that measures 3200 square feet (32 squares). You have decided to put 16" Certigrade® shingles (No.1 Blue Label or No. 2 Red Label) at 4" exposure.

The above coverage table (Table 1) tells you that a 4-bundle square at 4" exposure covers 80 square feet. 3200 divided by 80 = 40 squares of material