

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								
	89mm	102mm	114mm	127mm	140mm	152mm	165mm	178mm	190mm
406mm x 5/51mm	6.50 m ²	7.43 m ²	8.36 m ²	9.29 m ² *					
457mm x 5/57mm		6.74 m ²	7.57 m ²	8.41 m ²	9.29 m ² *				
610mm x 4/51mm					6.83 m ²	7.43 m ²	8.04 m ²	8.64 m ²	9.29 m ² *

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		
	406mm	457mm	610mm	406mm	457mm	610mm	406mm	457mm	610mm
14° to 18°	95mm	108mm	146mm	89mm	102mm	140mm	76mm	89mm	125mm
18° and steeper	127mm	140mm	190mm	102mm	114mm	165mm	89mm	102mm	140mm

Shake Coverage Table 3 see footnote (f) below

SHAKE TYPE, LENGTH AND THICKNESS	Approximate coverage (in square meters) of one square, when shakes are applied with an average 13mm spacing, at following weather exposures, in inches (d):				
	127mm	146mm	190mm	216mm	254mm
457mm x 13mm Handsplit-and-Resawn Mediums (a)*	–	6.97 m ² (b,f)	9.29 m ² (f,c)	–	–
457mm x 19mm Handsplit-and-Resawn Heavies (a)*	–	6.97 m ² (b,f)	9.29 m ² (f,c)	–	–
457mm x 16mm Tapersawn*	–	6.97 m ² (b) _{Approx.}	9.29 m ² (f,c)	–	–
610mm x 10mm Handsplit	–	–	6.97 m ² (e)	–	–
610mm x 13mm Handsplit-and-Resawn Mediums	–	–	6.97 m ² (b)	7.90 m ²	9.29 m ² (c)
610mm x 19mm Handsplit-and-Resawn Heavies	–	–	6.97 m ² (b)	7.90 m ²	9.29 m ² (c)
610mm x 16mm Tapersawn	–	–	6.97 m ² (b)	7.90 m ²	9.29 m ² (c)
610mm x 13mm Tapersplit	–	–	6.97 m ² (b)	7.90 m ²	9.29 m ² (c)
457mm x 10mm Straight-Split	–	6.04 m ² (b)	8.36 m ² (c)	–	–
610mm x 10mm Straight-Split	–	–	6.97 m ² (b)	7.90 m ²	9.29 m ² (c)
381mm Starter-Finish course	Use supplementary with shakes applied not over 254mm weather exposure.				

(a) 5 bundles will cover 9.29 m², roof area when used as starter-finish course at 254mm weather exposure; 7 bundles will cover 9.29 m², roof area at 190mm 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 13mm spacing between shakes.
 (e) Maximum recommended weather exposure.
 *9.29 m² coverage is based on 12/12 pack, 5 bundle square, at 190mm 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: 457mm shake bundles 12/12 should cover 9.29 m² at 190mm 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	
	457mm	610mm
18° and steeper	190mm	254mm (a)

(a) 610mm x 10mm handsplit shakes limited to 190mm maximum weather exposure per UBC and IBC.

Formula for calculating material at reduced exposures:
 Square meters divided by reduced coverage = total material required e.g. you are estimating a roof that measures 297.29 m² (32 squares). You have decided to put 406mm Certigrade shingles (No.1 Blue Label or No.2 Red Label) at 102mm exposure. The above coverage table (Table 1) tells you that a 4-bundle square at 102mm exposure covers 7.43 m². 297.29 m² divided by 7.43 = 40 squares of material