



B&F SPECIALIST TIMBER



Western Red Cedar Shingles & Shakes

Installation Guidelines & Specifications



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Installation Guidelines

Battens

Typically shingles or shakes are nailed to treated softwood battens of 25 x 38mm minimum dimension.

Batten spacing to coincide with the weather exposure of the shingle or shake. See overleaf for exposure guides.

Joint spacing

Spacing between adjacent shingles (joints) should be between 6-9mm

Spacing between adjacent shakes (joints) should be between 9-16mm

For both shingles and shakes, joints in any one course should be separated not less than 38mm from joints in adjacent courses, and in any three courses, no two joints should be in direct alignment.

Double coursing

Shingles and shakes must be double or triple coursed at all roof eaves. Butts of first course shingles and shakes should project 38mm beyond the fascia and approximately 25mm over the gable or rake end.

Nails

Stainless steel annular ringshank nails are recommended for installing shingles and shakes. Use 1.8 x 31mm for shingles and 2.65 x 50mm for shakes. Apply two nails only per shingle or shake, 38-50mm above the exposure line and 19-25mm in from the edges.

Breathable membrane

A breathable, water-resistant membrane may be installed between the roof and battens. B&F Timber recommend and stock DuPont™ Tyvek® Supro.

Treatment & Protection

B&F Timber can supply Western Red Cedar shingles with MicroPro Sienna preservative treatment applied.



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Specifications

Three sizes of shingles are available; the industry term for these are 'Fivex', 'Perfection' and 'Royal'. Two types of shakes are available - 'Handsplit' and 'Tapersawn'.

Grade		Length	Butt Thickness	Width*
Certigrade™ No.1 Grade (Blue Label) Shingles	Fivex	406mm	10mm	Random (100 to 355mm)
	Perfection	457mm	11mm	Random (100 to 355mm)
	Royal	610mm	12.5mm	Random (100 to 355mm)
Certigrade™ No.2 Grade (Red Label) Shingles	Fivex	406mm	10mm	Random (100 to 355mm)
	Perfection	457mm	11mm	Random (100 to 355mm)
Certigrade™ No.3 Grade (Black Label) Shingles	Fivex	406mm	10mm	Random (100 to 355mm)
	Perfection	457mm	11mm	Random (100 to 355mm)
Certi-sawn™ Premium Grade Tapersawn Shakes	Royal	610mm	16mm	Random (100 to 355mm)
Certi-sawn™ No.2 Grade Tapersawn Shakes	Royal	610mm	16mm	Random (100 to 355mm)
Certi-split™ Premium Grade Handsplit Shakes	Royal	610mm	18mm	Random (100 to 355mm)

*+/- tolerance allowed within grading rules. See grading sheets on website for details

Shingle Coverage

		Approximate coverage of one bundle of shingles with 8mm spacing based on the following weather exposures (m²)							
Grade		90mm	100mm	115mm	125mm	140mm	150mm	165mm	190mm
Certigrade™ No.1 Grade (Blue Label) Shingles	Fivex	1.7	1.9	2.1	2.3	-	-	-	-
	Perfection	-	1.7	1.9	2.1	2.3	-	-	-
	Royal	-	-	-	-	1.7	1.9	2.0	2.3
Certigrade™ No.2 Grade (Red Label) Shingles	Fivex	1.7	1.9	-	-	-	-	-	-
	Perfection	1.5	1.7	1.9	-	-	-	-	-
Certigrade™ No.3 Grade (Black Label) Shingles	Fivex	1.5	1.7	-	-	-	-	-	-
	Perfection	1.7	-	-	-	-	-	-	-

Shingle Exposure

Pitch	Maximum exposure recommended for roofs and walls (mm)						
	No.1 Grade (Blue Label)			No.2 Grade (Red Label)		No.3 Grade (Red Label)	
	Fivex	Perfection	Royal	Fivex	Perfection	Fivex	Perfection
14° - 19°	95	125	146	90	100	75	90
19° & steeper	125	140	190	100	115	90	100
Walls (single course)	175	200	265	150	180	-	-
Walls (double course)	300	350	400	225	250	-	-

Shake Coverage

Grade	Approximate coverage of one bundle of shingles with 13mm spacing based on the following weather exposures (m²)		
	190mm	215mm	255mm
Certi-sawn™ Premium Grade Tapersawn Shakes	1.7	1.9	2.3
Certi-sawn™ No.2 Grade Tapersawn Shakes	1.7	1.9	2.3
Certi-split™ Premium Grade Handsplit Shakes	1.9	-	-

Shake Exposure

Grade	Maximum exposure recommended for roofs and walls (mm)		
	Certisawn™ Premium Grade Tapersawn Shakes	Certisawn™ No.2 Grade Tapersawn Shakes	Certisplit™ Premium Grade Handsplit Shakes
19° & steeper	255	215	255
Walls (single course)	265	225	265
Walls (double course)	455	265	455