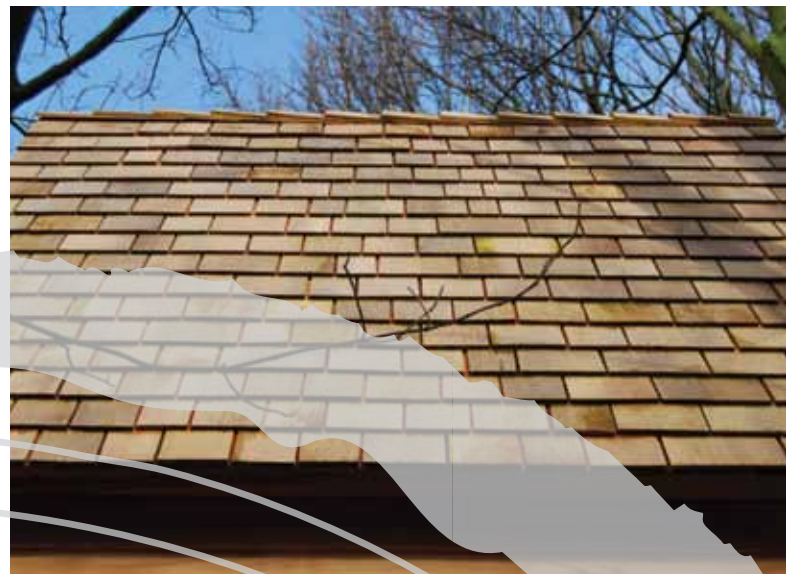


Western Red Cedar Shingles & Shakes

SILVA
TIMBER PRODUCTS



The widest range of Western Red Cedar shingles and shakes in the UK



Certi-label™ Western Red Cedar Shingles & Shakes



Why use Certi-label™ Western Red Cedar shingles and shakes?

Western Red Cedar shingles and shakes offer a fantastic alternative to traditional roof and wall tiles due to their durability, attractive appearance, outstanding insulation properties and ease of installation.

Cedar shingles and shakes have been used for hundreds of years and have proven their durability in all kinds of climates. They can be used to create individual buildings, whether traditional or modern, and their rich, warm colour and texture blend beautifully in any natural environment. The natural effects of ageing and weathering give shingles and shakes an attractive silvery grey colour over time.

Suitable for commercial and residential projects alike, shingles and shakes provide an outstanding natural option for roofing and cladding.

Breathable

- Cedar shingles and shakes breathe providing an extra degree of ventilation

Low carbon footprint

- Shingles and shakes use the lowest energy of any roofing product
- Production emits the lowest pollution of any roofing product

Highest insulation resistance value

- Cedar shingles and shakes have a superior insulating value to other roofing products
- Buildings stay warmer in winter and cooler in summer
- 'R-Value' double that of asphalt, four times that of cement fibre

Durability

- 50+ year life expectancy
- Natural oils act as preservatives against decay and insect attack

Resilience against high winds

- Installation method provides outstanding rigidity
- 'Uplift tested' to withstand wind speeds of up to 173mph

Renewable resource

- The only renewable roofing resource
- Other roofing produced by permanently extracting natural resources
- World recognised forest stewardship ensures true sustainability

Silva Timber offer four grades and three sizes of Western Red Cedar shingles, tapersawn and handsplit shakes along with pre-formed hip and ridge units, pressure treated battens and stainless steel ring shank nails, ready for immediate nationwide delivery.



Certi-label™ Products

Cedar shingles and shakes, manufactured by members of the Cedar Shake & Shingle Bureau, are the only products labelled with the 'Certi' brand name. As part of the Certi-Wood™ family, Certi-label™ cedar shingles and shakes are manufactured by experienced craftsmen who take pride in their trade and the quality of their product. Member mills are bound by a rigid code and independent inspections ensure that product quality is maintained.

Silva Timber only buy Certigrade™ products from Cedar Shake & Shingle Bureau members to ensure product quality and consistency. Not all Western Red Cedar shingles and shakes in the UK are the same. For quality assurance, always specify Certi-label™ products.



Certigrade™ Western Red Cedar shingles

Shingles are sawn on both sides, have a relatively smooth face and back and are available in four grades, depending on the application and appearance desired.

Certigrade™ No.1 Blue Label shingles



The premium grade of shingles suitable for high-end roofs and wall cladding applications. These top-grade shingles are 100% heartwood, 100% clear and 100% edge grain with no defects. Available in 405mm, 455mm and 610mm lengths



Certigrade™ No.2 Red Label shingles



A good grade for general applications. Not less than 280mm clear on 455mm shingles. Flat grain and limited sapwood are permitted in this grade.



Certigrade™ No.3 Black Label shingles



A utility grade for economy applications and secondary buildings. Not less than 150mm clear on 455mm shingles. Unlimited sapwood and flat grain are permitted in this grade. Limited knots and defects are allowed above the clear portion



Certigrade™ No.4 Green Label shingles

A utility grade primarily used for undercoursing prior to final coursing application. Not less than 150mm clear on 455mm shingles. Unlimited defects, sapwood and flat grain are permitted in this grade.



Certi-split™ and Certi-sawn™ Western Red Cedar shakes

Shakes have a thicker butt-end compared to shingles which creates a deep, attractive shadow line. Shakes are available Tapersawn for a smooth finish, or Handsplit for a rustic, natural appearance.



Certi-split™ Handsplit shakes

Produced by splitting cedar blocks with a hydraulically powered knife into straight boards, or blanks. The blanks are then sawn from corner to corner, producing two tapered shakes, each with a rustic split face and a smooth, sawn back.



Certi-sawn™ Tapersawn shakes

Produced by sawing both faces to achieve a gradient, tapersawn shakes have the appearance of a smooth faced shingle, but with the extra thickness of a shake.

Treatment services



Silva Timber can supply Western Red Cedar shingles and shakes with Tanalised Clear pressure treatment for improved performance against insect attack and fungal decay, prolonging the 'new Cedar' appearance.



Fire Treated shingles and shakes available to British Regulation standard. Specify NON-COM® EXTERIOR for exterior or severe damp situations.

Sustainability

Western Red Cedar and other species in British Columbia's forests are harvested under a sustained yield policy which guarantees forest regeneration and biological diversity. Shingle and shake production, which is virtually pollution free, is a secondary operation utilising waste residuals from British Columbia's main logging and sawmilling industry.

Because the manufacturing process of Certi-label™ cedar shingles and shakes is labour intensive, as opposed to energy intensive, the environment benefits further since there is less energy consumed from fossil fuel or natural gas source depletion.

As a truly renewable product with a low carbon footprint, Western Red Cedar shingles and shakes are unrivalled as an environmentally friendly roofing material.

Proud member of Cedar Shake & Shingle Bureau

Silva Timber are the only member of the Cedar Shake & Shingle Bureau outside of North America.

The Bureau monitors and inspects member mills to ensure product quality, grading rules and consistency of Certi-label™ cedar shingles and shakes are maintained.



Specifications

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

	Type	Length	Butt Thickness	Width*
Shingles	Blue Label Fivex	405mm	10mm	Random (100 to 355mm)
	Blue Label Perfection	455mm	11mm	Random (100 to 355mm)
	Blue Label Royal	610mm	12.5mm	Random (100 to 355mm)
	Red Label	455mm	11mm	Random (100 to 355mm)
	Black Label	455mm	11mm	Random (100 to 355mm)
Shakes	Handsplit	610mm	19mm	Random (100 to 355mm)
	Tapersawn	610mm	13mm	Random (100 to 355mm)

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

Installation Information

Shingle Coverage

LENGTH AND THICKNESS	Approximate coverage in square metres of one bundle of shingles with 8mm spacing, based on the following weather exposures								
	90 mm	100 mm	115 mm	125 mm	140 mm	150 mm	165 mm	180 mm	190 mm
Blue Label Fivex 405 x 10mm	1.7	1.9	2.1	2.3*	-	-	-	-	-
Blue Label Perfection 455 x 11mm	-	1.7	1.9	2.1	2.3*	-	-	-	-
Blue Label Royal 610 x 12.5mm	-	-	-	-	1.7	1.9	2.0	2.2	2.3*
Red Label 455 x 11mm	1.5	1.7	1.9*	-	-	-	-	-	-
Black Label 455 x 11mm	1.5	1.7*	-	-	-	-	-	-	-

*Maximum exposure recommended for roofs.

Shingle Exposure

PITCH	Maximum exposure in millimetres recommended for roofs and walls				
	No.1 Blue Label			No.2 Red Label	No.3 Black Label
	Fivex 405mm	Perfection 455mm	Royal 610mm	Perfection 455mm	Perfection 455mm
14° - 19°	95	108	146	100	90
19° & steeper	125	140	190	115	10
Walls (single course)	175	200	265	180	-
Walls (double course)	300	350	400	250	-

Please note this information is intended as a basic guide only. A detailed 'Installation Manual' can be downloaded in pdf format from the technical area on our website. Visit www.silvatimber.co.uk for online ordering, case studies, technical library and much more.

Shake Coverage

LENGTH AND THICKNESS	Approximate coverage in square metres of one bundle of shakes with 13mm spacing, based on the following weather exposures.		
	190mm	215mm	255mm
Handsplit 610 X 19mm	1.7	1.9	2.3*
Tapersawn 610 x 13mm	1.7	1.9	2.3*

*Maximum exposure recommended to roofs.

Shake Exposure

PITCH	Maximum exposure in millimetres recommended for roofs and walls	
	Premium Grade	
	Handsplit 610 x 19mm	Tapersawn 610 x 13mm
19° & steeper	255	255
Walls (single course)	265	265
Walls (double course)	455	455

Certi-Ridge™ Shingle and Shake Hip and Ridge Units

Pre-manufactured caps for roof hips and ridges. These products are made from Number 1 Grade Blue Label cedar shingles or Premium Grade cedar shakes for a perfect match.

Lengths: Shingles: 455mm/Shakes: 610mm
Widths: Shingles and Shakes: 175mm minimum
(measured over the top at the butt end)

Packaging: Shingles: 36 units per bundle/Shakes: 20 units per bundle
Maximum coverage: Shingles and Shakes: 4.88m per bundle

Battens

Shingles: apply over treated softwood battens of 25 x 38mm minimum dimension.
Shakes: apply over treated softwood battens of 25 x 90mm minimum dimension.

Batten spacing

Space battens to coincide with the weather exposure of the shingle or shake.

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 ring shank 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.

Finish Coatings

Western Red Cedar shingles and shakes may be left uncoated and will age naturally. Alternatively a suitable finish coating may be applied. It is recommended that the finish be applied to all surfaces prior to installation.



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