



Western Red Cedar Cladding





Western Red Cedar Cladding & Trim

Silva Timber is one of the UK's leading suppliers of premium quality, FSC certified Western Red Cedar cladding and trim. Our range is sourced from North America's most respected manufacturer and has been carefully selected to ensure that it reaches the highest standards of quality.

We offer premium 'A & Better Clear' grade and economical 'Select Tight Knot' grade Western Red Cedar in a range of cladding and trim profiles.

The range is:

- Kiln dried to 12-15% moisture content
- Available in eight cladding profiles and nine trim profiles
- Available in specific lengths to minimise your wastage - select from lengths of up to 6.05m (20')*
- Ready for immediate nationwide delivery - huge stocks held in our Cheshire warehouse
- Complemented by a wide range of fixings and professional exterior wood finishes

* subject to availability

Why Use Western Red Cedar Cladding & Trim?

Beautiful appearance

- Natural beauty and warmth which cannot be replicated by plastic, steel or composite products
- Available in a pleasing range of natural hues, tight grain patterns and soft textures

Dimensional stability

- Hygroscopic - absorbs or discharges moisture to maintain equilibrium with the surrounding atmosphere
- Low shrinkage factor
- Resistant to warping, twisting and checking

Natural durability

- Naturally occurring compounds called Thujaplicins and water-soluble phenolics act as preservatives
- Finished and maintained it will deliver decades of trouble free service

Thermal conductivity

- Low density and high proportion of air spaces make it the best thermal insulator among the commonly available softwood species
- Far superior to brick, concrete or steel
- Helps keep buildings cool in the summer and reduce heating costs in the winter

www.silvatimber.co.uk
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Grades

‘A & Better Clear’

Silva Timber’s ‘A & Better Clear’ grade Western Red Cedar exceeds the NLGA grading rules which apply to finished products such as cladding.

Most Western Red Cedar imported into the UK is ‘No. 2 Clear & Better’, a rough sawn blank that falls under the less stringent R-List grading rules. The finished products that are made from this stock could fall right across the spectrum with one company’s ‘A & Better’ comparing with another’s ‘D & Better’ under NLGA grading rules.

Our supplier is at the top of the tree when it comes to quality and reputation. You will find our product virtually flawless with only the odd very tiny knot, so we can boldly claim that our product is the best quality in the UK.



‘Select Tight Knot’ (STK)

‘Select Tight Knot’ (STK) grade Western Red Cedar cladding features sound, tight (intergrown) knots that will not fall out over time.

The STK grade allows burls and naturally occurring markings which are of fairly uniform distribution and add to the character of the product. Sound, live, small to medium tight knots (approximately the size of a 10p piece) are permitted every 150-200mm.

Like clear grades, there are many different ‘sub-grades’ of knotty Western Red Cedar with various quality levels. Our ‘Select Tight Knot’ grade is the highest of those ‘sub-grades’, offering what we consider to be the best quality at the most reasonable price.



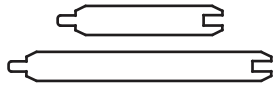
Sustainability

Western Red Cedar is the ultimate green building material. It is legally, responsibly and sustainably harvested in the publicly managed forests of British Columbia, Canada. Less than 1% of standing timber is harvested each year. For each tree harvested, three are replanted to ensure the forests will exist in perpetuity. Western Red Cedar has a low impact on the environment throughout its life cycle. It requires significantly less energy to produce than man-made alternatives and is biodegradable.

Western Red Cedar cladding and trim from Silva Timber is available with FSC certification.



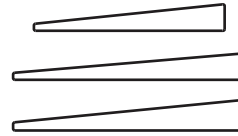
Tongue & Groove V-Joint Cladding



Sizes available: 19 x 86mm* & 19 x 137mm*

- widely used for its good looks and versatility
- produces subtle shadow line effects
- install horizontally, vertically or diagonally
- select horizontal cladding to accentuate length and vertical cladding to accentuate height

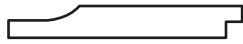
Bevel Cladding



Sizes available: 12 x 140mm*, 12 x 185mm & 19 x 185mm**

- install horizontally to create a well defined shadow line
- produced by resawing boards at an angle to produce two pieces thicker on one edge than the other
- economical product due to production method

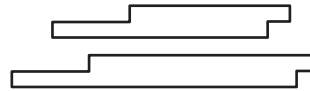
Shiplap Cladding



Size available: 19 x 140mm

- profile of each board partially overlaps adjacent board providing excellent weather protection and dimensional movement
- install horizontally

Channel Cladding



Sizes available: 19 x 135mm & 19 x 185mm

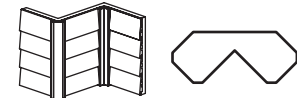
- produces bold shadow lines
- install horizontally or vertically
- select horizontal cladding to accentuate length and vertical cladding to accentuate height
- fine sawn face
- suits both contemporary and traditional applications

* Available in 'A & Better Clear' grade and 'Select Tight Knot' grade **Available in 'Select Tight Knot' grade only

Trim Profiles



Universal corner trim (40 x 90mm) for internal and external corners



Installation Information

Cladding Coverage (Table 1)

Profile Type	Actual finished width (mm)		Factor for lineal metres per m ²
	Actual dressed	Exposed face	
Tongue & Groove	137	127	7.9
Tongue & Groove	86	76	13.2
Shiplap	135	126	7.9
Channel	135	126	7.9
Channel	185	175	5.7
Bevel	140	115	8.7
Bevel	185	160	6.25

Cladding

Western Red Cedar cladding up to 140mm should be fixed with one nail per bearer. For cladding over 140mm fix with two nails per bearer. Tongue and groove profiles can be blind nailed; all other profiles should be face nailed.

Fasteners

For best results use stainless steel annular ring shank nails. These have thin shanks and blunt points to reduce splitting. Nails should be driven with care into the framing members. Hand nailing is recommended as heavy nailing by pneumatic nail guns can cause wood distortion and splitting.

Please note that 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.

Battens

Western Red Cedar performs best when installed properly on a suitable frame. Cedar cladding should be securely nailed to battens, framing members, or to blocking between framing members. See table 2 for recommended batten sizes and spacing for different methods of installation.

Timber Size & Spacing for Blocking and Furring¹ (Table 2)

	Actual Size (mm)	Preferred Spacing (mm)	Maximum Spacing (mm)
Blocking	38 x 38	400	600
Battens over plywood/OSB sheathing ²	19 x 38	400	600
Furring over masonry walls	38 x 38	400	600

- Battens must be securely fastened to studs.
- Can be used in moist and severe climates to form an air space between cladding and sheathing

Finish Coatings

It is recommended that the finish is applied to all surfaces, including ends, before installation. The type of coating will be determined by final finish and look selected. The finish protects the wood from moisture absorption and UV degradation. It helps prevent staining caused by mildew and extractives and will increase the service life of timber.



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