



CLADDING WESTERN RED CEDAR

WESTERN RED CEDAR (*Thuja plicata*)

This species is an ideal material for use as exterior or interior cladding and is available with PEFC & CSA certification.

Western Red Cedar is naturally resistant to decay and insect attack. It simply seasons if left uncoated to an attractive silver grey appearance over a period of time in areas with low air pollution. Cedar offers superior acoustic qualities too, helping to reduce noise or confine it to specific areas. It is also an excellent material for thermal insulation – in summer keeping the building cool and in winter preventing the heat from escaping.



Technical information on Western Red Cedar

Density
Cedar is one of the lightest commercially available softwoods. It has a low density of 330-390kg/m³, making it an easy wood to transport, handle and erect on-site.

Dimensional Stability
It has a very low shrinkage factor. It is the most resistant of all coniferous species to warping, twisting and checking.

Durability and Decay Resistance
Its durability is rated as Class 2 durable, it can therefore be used untreated if the sapwood is excluded. It conforms to BS 8417, giving it a 60 year service life for the untreated wood if sapwood is excluded. It is highly resistant to decay and insect attack due to naturally occurring fungicidal compounds in the wood. Western Red Cedar, if left unfinished will bleach to a particularly attractive lustrous silver grey. However we recommend that it is not advisable to use this species in locations where there is a high level of pollution unless treated with a surface coating.

Thermal Conductivity
Its low density and high proportion of air spaces make Cedar the best thermal insulator of all the commonly available softwood species. It is far superior to brick, concrete and steel, helping to keep buildings cool in summer and reduce heating costs in winter.

Fixings
To avoid discolouration of the wood use only corrosion resistant fixings such as those made from aluminium, hot dipped galvanised or stainless steel. Nails and screws should be one third longer for cedar than those normally used to fasten hardwood species.

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AVAILABLE GRADES:-

Grade Overview - 2 Clear & Better
Grade Character - Sound tight knots 1/2" in diameter on face and 3/4" on reverse. Soft knots half size of sound knots, splits no longer than width of board.

PROPERTIES

- BOTANICAL NAME** *Thuja plicata*
- PHYSICAL/STRUCTURAL PROPERTIES** Soft, rather brittle and light in weight
- MOISTURE CONTENT** 30% + for green, 12 - 18% K.D
- TYPICAL APPLICATIONS** External and internal cladding, decking and saunas
- DENSITY** 330 - 390kg/m³
- WASTAGE ALLOWANCE** 10 - 15%
- ORIGIN** Pacific North West, predominantly Canada
- DURABILITY** Class 2 durability, conforming to BS 8417
- ENVIRONMENTAL CREDENTIALS** PEFC or CSA available
- STORAGE ADVICE** Kiln dried material should be kept undercover, green can be kept outside
- SUPPLIED FINISH** Sawn or machined to profile
- WORKING PROPERTIES** Machines and takes fixings well, however stainless or galvanised nails should be used to avoid corrosion
- STABILITY** Very low shrinkage factor, very resistant to warping, twisting and checking

CLADDING WESTERN RED CEDAR				
Product	Profile	Code	Available ex-Stock	Environmental Credentials
3/4" x 4"	PTGV Patt M040 (14 x 94mm)	S0000773	Y	PEFC
1" x 6"	Shi lap Patt 191	S0003312	Y	PEFC
1" x 6"	PTGV Patt IT - 19-M2	S0003311	Y	PEFC
1" X 6"	IT5	S0006014	Y	PEFC
43" x 43"	L Shape Corner	S0003640	Y	PEFC

Additional specifications, sizes, chain of custody and specials are available to order

