



Canadian western red cedar cladding



Canadian western red cedar is the most popular choice for timber cladding projects in this country. This is simply because the wood is ideal for the job.

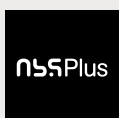
Cedar originating from the Pacific West coast of North America and Canada grows in almost perfect conditions producing clean and slow grown timber. The wood is both naturally durable and relative stable when compared to other wood species commonly used for cladding. These two qualities ensure that cedar cladding boards continue to look smart for many decades.

Canadian western red cedar cladding is slow grown compared to our native cedar, resulting in a denser and darker wood. However, it is still a relatively soft timber that bruises more easily than timbers such as larch and oak.

For a comparison between Canadian and British grown western red cedar watch our new video online.

Produced to comply with the harmonised standard for construction products regulation BSEN14915:2013 and to conform to BS8605-1:2014 External timber cladding: Method for specifying.

Trade name	Canadian western red cedar
Base timber	Canadian western red cedar
Species	Thuja Plicata
Process	None
Origin	Legal and well managed forests in Canada
Intended use	External cladding
Other uses	None
Appearance	Canadian western red cedar has a strong, distinctive grain. The colours vary widely from dark chocolate brown to light pink. The boards are relatively free of knots giving a clean and contemporary appearance.
Weathering	When left untreated, cedar will bleach to a silver colour although the process can be inconsistent and patchy. Northerly elevations may weather to a darker grey than those facing South.
Profiles	All machined profiles (see diagrams overleaf)
Dimensions	20 x 70, 20 x 95, 20 x 145, 20 x 195mm
Lengths	Random 1.8 – 3.7mt+
Moisture content	16 – 25%
Natural durability (EN350-2)	Durable Class 2
Insect attack	Resistant
Desired service life (BS8417)	Occasionally wet: 60yrs Frequently wet: 30yrs
Treatability class	Resistant
Movement class	Small
Resistance to impact	Low
Resistance to fixing	Low
Mean density	330 – 390 kg / M3
When to fix	No restrictions
How to fix	Face fix or secret fix with stainless steel ringshank nails. Pre-drilling advised.
Grading	BS1186-3 1990 Class 2. EN942:2007. J20. CE grade A. Clean with a few sound knots. (Commonly sold with the trade grade description No2 Clear & better, allowing 15% 4ths)
Working properties	Good workability. Takes fixings satisfactorily. Cedar is soft and relatively brittle which can result in bruising and splintering. No pre-drilling necessary.





Canadian western red cedar



Weathered Canadian western red cedar

Extractives

Western red cedar contains reactive oils, which will corrode ferrous metals. When the two come into contact, a blue sludge is formed that will stain the wood and anything else it meets. All fixings used in conjunction with western red cedar should be stainless steel. The oil is brown in colour and could also leave unsightly brown stains on the surface of the cladding and will stain any porous materials below the cladding. The reactivity of the oil makes western red cedar cladding unsuitable for polluted areas and shaded areas.

Emission of formaldehyde (EN14915)

E1 (Not significant)

Reaction to fire (EN14915)

Euroclass F (Untested). D-s2, d0

Fire treatment

Possible by impregnation

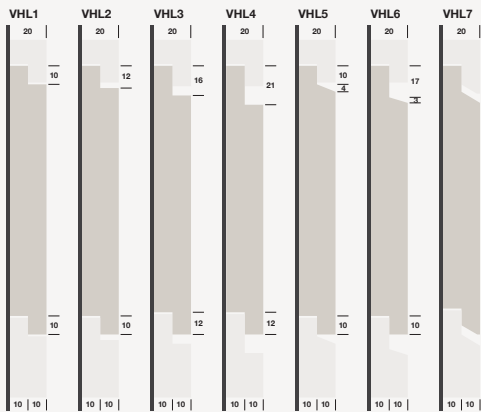
CE compliant

Yes

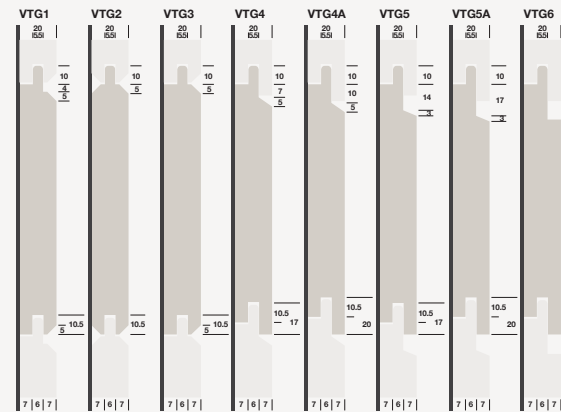
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Cladding profiles – machined range

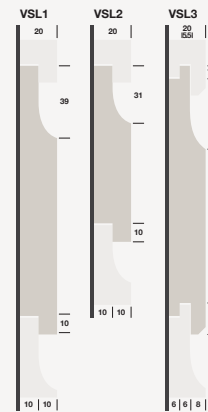
Halflap



Tongue and groove with a v-joint



Shiplap



Splayed



Visit our website for fixing details. Contact us for full technical drawings.

Vastern Timber

British hardwood sawmillers and timber merchants

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