



Cox Street Private Residence | Coll Architecture

WESTERN RED CEDAR

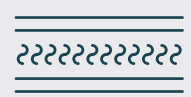
Thuja Plicata



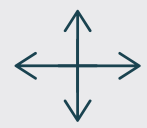
One of the world's most renowned softwood species



Exceptional workability



Excellent natural thermal insulator



Natural stability and durability

Western Red Cedar is a common specie in the Pacific Northwest coastal and interior regions of British Columbia, Canada. It is a tall tree and when mature, grows up to 60 metres high and 2.5 metres in diameter.

Western Red Cedar is one of the world's unique softwood species, renowned for its natural beauty and durability that brings warmth, character and longevity to homes and commercial buildings worldwide.

This exceptional timber is coloured in rich tones ranging from mellow ambers to reddish cinnamons and sienna browns. The vitality of natural timber features in variations of grain and figure, texture and tone, perfectly complimenting Western Red Cedar's excellent structural properties.



Matakana Residence | DAA

WESTERN RED CEDAR APPLICATIONS

Western Red Cedar is a popular choice for both interior and exterior applications because of its natural beauty that brings warmth and character to any build. It is easy to work, takes surface coatings well, is exceptionally stable, and is used in applications such as:

- Exterior Cladding
- Panelling and Sarking
- Screens & Battens
- Soffit Lining
- External Joinery
- Shingles and Shakes



TECHNICAL INFORMATION

Supplier responsibility status	PEFC
Availability of sizes	Lengths: 1.2 - 6.0 lineal meters - The average is about 3.2 lineal meters Thickness : Available in 25mm, 50mm, 75mm, 100mm and 150mm Width: Up to 300mm
Durability	Class 2*
Grades	PC1, PC2, STK, FJ and Engineered

*Durability classifications provide a useful comparative guide, however factors relating to specific installations and natural timber variation may result in heartwood pieces falling outside the species' durability classification.

Mechanical properties	Green	Dry
Modulus of Rupture (MPa)	37	54
Modulus of Elasticity (GPa)	7.2	8.3
Hardness Janka (kN)	1.2	1.5
*Density (kg/m3) *Air dry density (kg/m3) is average indication only and actual value may vary.	-	*380kg/m ³

Note: For comparable species speak to the JSC team about alternatives.

Disclaimer: JSC has endeavored to ensure this information is accurate but recommends for critical applications that independent advice is obtained. These properties are a guide only, as timber is a natural product there will be variations within any species. Please speak to our professionals at JSC for information and advice as well as for any information around profiles, fixing details and supporting documentation.

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