



Cedar, Western Red – *Thuja plicata*

Other Names: Red Cedar

Country of Origin: Canada

SPECIES OVERVIEW:

Western red cedar heartwood shows variations in colour when fresh from dark brown to pink colour, maturing to a reddish-brown and, in time to silver-grey when weathered. The sapwood is a paler colour. Straight grained and rather coarse texture, it has a very low shrinkage factor. Also machines and stains very well. The forests of British Columbia, from where cedar is sourced, are all well-managed and certified as such. Producers carry certification under either SFI, CSA, FSC or PEFC.

MAIN USES:

Wide range of uses as exterior cladding, mouldings, panelling, roof shingles and shakes, external and internal joinery, window blinds and shutters, hot tubs and spa pools.

WORKING PROPERTIES:

Cedar produces long, lightweight lengths of timber with a

fine, straight grain and uniform texture that make it easy to cut, saw and nail. It planes to a smooth surface, holds glue bonds and provides a good base for painting and staining.

MECHANICAL PROPERTIES:

Cedar has a very low shrinkage factor and is superior to all other coniferous woods in its resistance to warping, twisting and checking.

AVAILABILITY:

Specifications stocked at Rosenfeld Kidson are: Sawn 22mm, 45mm, 50mm, 75mm, 100mm and 150mm thicknesses in varying fixed widths. Weatherboard, fascia, mouldings, TG&V panelling and D4S profiles.

GRADING:

PC1 Clears, PC2 Clears, Finger-jointed blanks, Reman (Factory).

DENSITY (kg/m ³)*:	Green 530	Air Dry 370	
DURABILITY:	Durable		
SPECIFIC GRAVITY:	Standard 0.33		
STRENGTH GROUP:	SD8		
MOR (MPa):	Unseasoned 37	Seasoned 54	
MOE(GPa):	Unseasoned 8	Seasoned 7	
SHRINKAGE GREEN TO 12% M.C.	Tangential 4.0	Radial 2.0	Volumetric 5.0

*Air Dry Density (kg/m³) is average indication only and actual value may vary. Refer to timber properties tables over page for strength, shrinkage and durability classifications.