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TIMBER CREATIONS

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MATERIALS FACTSHEET

White Cypress

Callitris columellaris / Callitris glaucophylla

White cypress is a highly durable Australian softwood timber species.

The timber is not susceptible to Lyctid Borer and is resistant to termites.

Natural resins in the wood impart a distinctive odour to white cypress and are believed to contribute to the timber's impressive natural durability. Life expectancy for above ground applications is greater than 40-60 years and up to 25 years in-ground.

In terms of hardness, white cypress is a firm timber (rated 4 on a 6-class scale in relation to both indentation and hand tooling). It can be satisfactorily machined and turned to a smooth finish. White cypress readily accepts most standard coatings, stains and polishes.

Durability:

High - In-Ground: 15 - 40 yrs, above ground: 41 - 64 yrs

Shrinkage:

Extremely low - with 0% tangential and 0-2% radial shrinkage

Strength:

Medium to medium-high

Density:

Unseasoned: 770 kg/m³

Seasoned: 700 kg/m³

Index No.	Standard trade name	Origin	Species brand	Classification	Strength group		Joint group		Design density† (kg/m ³)		Janka hardness, side grain (kN)		Tangential cleavage (N/mm)		Toughness (N·m)		Tangential % shrinkage	Tendency to split for unseasoned timber	% Unit tangential movement	Natural durability class§		Sapwood lyctus susceptible	Termite resistant	Marine borer durability
					G	D	G	D	G	D	G	D	G	D	G	D				In-ground contact	Outside above ground			
544	(pine) cypress, white	N, Q, S, V, W, Y	WC	S	S5	SD6	J3	JD3	850	700	4.6	6.1	43.2	37.4	12.9	7.3	2.6	low	0.30	2	1	NS	R	2