

EVERWOOD DECKING PARTNERS, LTD

Importers, Wholesalers, Retailers of Fine Lumber Products

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IPÊ Structural Timber Span Values

Common Name	IPÊ	Cedar	Redwood	CCA / Treated Pine
Grade	select grade, all heart, no knots & sap	varies, common grade has knots & sap	varies, common grade has knots & sap	available grade has many defects
Appearance	no splinters, surface stays smooth & resists damage, sealer required, patinas to silver gray with small surface checks	scratches easily, splinters & becomes dirty gray without regular sealing	scratches easily, splinters & becomes black gray without regular sealing	surface develops splits, checks, boards cup and twist, becomes rough & gray to green without regular sealing
Decay Resistance	High 25 years	Moderate 10-15 years	Moderate 10-15 years	Varies with treatment
Fire Rating Class (NFPA)	A	B-C	B-C	C-D
Resistance to Termites	High	Low	Low	Varies with treatment
Resistance to Marine Borers	High	Low	Low	Medium to High
Movement in Service	Low	Medium	Medium	Medium to High
Weight Per Cubic Foot	69 lbs.	30 lbs.	30 lbs.	35-40 lbs.
Bending Strength	25,400 psi	6,800 psi	7,900 psi	14,500 psi
Max. Shear Strength	2,060	900	940	1,370
Hardness	3,680 lbs.	580 lbs.	480 lbs.	690 lbs.