



**Copper Naphthenate-Treated Coastal Douglas-fir
Wood Specification Guide for Commercial, Industrial,
and Aquatic Use**

AWPA Standard U1

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		Use Category Designation	Commodity Specification	Preservative Retention (Lbs)
Agriculture, Farm	Structural Members			
	Round posts (<16')	4B	B	0.069
	Round poles	4B	D	0.095
	Sawn poles and posts	4B	A	0.075
	Posts, fence (<16')			
	Round, half and quarter round	4A	B	0.055
	Sawn four sides	4A	A	0.060
Crossties		4A	C	0.060
Building Construction and Fresh Water	Lumber & Timbers			
	Floor plate	2	A	0.040*
	Ground contact and fresh water use	4A	A	0.060
	Sawn timbers supporting resdtl & comml structures	4B, 4C	A	0.075
	Salt water splash	4B, 4C	A	0.075
	Permanent Wood Foundation			
	Lumber & plywood	4B	A	0.075
	Plywood			
	Sub-floor, damp above ground	2	F	0.040*
	Exterior, above ground	3B	F	0.040
	Ground contact and fresh water use	4A	F	[0.060]**
	Salt water splash	4B	F	[0.075]**
	Piling			
	Round piling - Land & fresh water	4C	E	0.140
	Poles, Building			
	Round - structural	4B	B	0.069
	Sawn - structural	4B	A	0.075
	Glue-Laminated Members (treated after gluing)			
	Above ground - interior/exterior	1, 2, 3A, 3B	F	0.040*
	Ground contact & fresh water use	4A	F	0.060
	Ground contact & fresh water use	4B, 4C	F	0.075
	Parallel Strand Lumber			
Above ground - interior/exterior	1, 2, 3A, 3B	F	0.040*	
Ground contact & fresh water use	4A	F	0.060	
Ground contact & fresh water use	4B, 4C	F	0.075	
Poles, Utility		4A	D	0.075
		4B	D	0.095
		4C	D	0.150
Highway Material	Lumber & Timbers			
	Lumber and timbers for bridges, structural members, decking, cribbing & culverts	4C	A	0.075
	Structural Posts & Timbers			
	Round, half and quarter round	4B	B	0.069
	Sawn	4C	A	0.075
	Posts, Guardrail			
	Round	4B	B	0.069
Sawn	4B	A	0.075	

* Not recommended for interior residential uses

** Not listed in AWPA for this specific application or use category; no proposal for standardization has been submitted yet. A recommended retention is shown.