

TECHNICAL BULLETIN

Selecting Treated Wood For Use With Naturally Durable Hardwoods

AWPA Category Use Chart

This includes a range of commercially available treatments.

Use Category	Service Conditions	Use Environment	Common Agents of Deterioration	Typical Applications	Examples of Treatment/Retention Rates(pcf)
UC4A	Ground Contact or Fresh Water, Non-Critical Components	Exposed to all weather cycles, normal exposure conditions	Decay, fungi, insects	Fence, deck, guardrail posts, cross ties, utility posts (low decay areas)	.15 MCA .15 CA-C (dissolved) .40 ACQ
UC4B	Ground Contact or Fresh Water, Critical Components or Difficult Replacement	Exposed to all weather cycles, high decay potential including salt water splash	Decay, fungi, insects with increased potential for biodeterioration	Permanent wood foundations, building poles, horticultural posts, crossties, and utility poles.	.60 CCA .23 MCA .31 CA-C (dissolved) .80 CCA (boards and timbers) .60 ACQ
UC4C	Ground Contact or Fresh Water, Critical Structural Components	Exposed to all weather cycles, severe environments, extreme decay potential	Decay, fungi and insects with extreme potential for biodeterioration	Land and fresh water piling, foundation piling, crossties, and utility poles (severe decay areas)	.80 CCA (piling only)
UC5B	Salt or Brackish Water New Jersey through Georgia on East Coast	Continuous marine exposure (salt water)	Salt water organisms including Limnoria Tripunctata	Piling, bulkheads, bracing	2.5 CCA

Exerpts from AWPA U1-17. Use Category System: User Specification for treated wood. Table 2-1