

ACZA Treated Wood Specification Guide for Commercial, Industrial, and Aquatic Use

	AWPA U1 Standard			Canada CSA080		
	Use Category Designation	Commodity Specification	Preservative Retention (Lbs. per cu. ft.)	Kg/m ³	Pcf	
AGRICULTURE, FARM	Structural Members					
	Round poles and posts	4B	D	.60	9.6	0.60
	Sawn poles and posts	4B	A	.60	9.6	0.60
	Posts, Fence					
	Round, half & quarter round	4A	B	.40	6.4	0.40
	Sawn four sides	4A	A	.40	6.4	0.40
BUILDING CONSTRUCTION, MARINE AND FRESH WATER	Lumber & Timbers					
	Floor plate	2	A	.25	NA	NA
	Ground contact and fresh water use	4A	A	.40	6.4	0.40
	Salt water splash	4B, 4C	A	.60	9.6	0.60
	Subject to tides, waves or in salt water	5A, 5B, 5C	G	2.50	30.0	1.87
	Permanent Wood Foundation					
	Lumber & plywood	4B	A	.60	8.0	0.50
	Plywood					
	Sub-floor, damp above ground	2	F	.25	NA	NA
	Exterior, above ground	3B	F	.25	4.0	0.25
	Ground contact and fresh water use	4A	F	.40	6.4	0.40
	Salt water splash	4B	F	.60	30.0	1.87
	Subject to tides, waves or in salt water	5B	G	2.50	30.0	1.87
	Piling					
	Round piling, marine – severe exposure ¹	5B, 5C	G	2.50	NA	NA
	Round piling, marine – northern waters ²	5A	G	1.50	30.0	1.87
	Round piling – land & fresh water (Douglas fir)	4C	E	1.00	8.0	0.50
	Poles, Building					
	Round – structural	4B	D	.60	9.6	0.60
	Sawn – structural	4B	A	.60	9.6	0.60
	Glue-Laminated Members, Douglas Fir (treated after gluing)					
	Above ground – interior/exterior	1, 2, 3B	F	.30	4.0	0.25
Ground contact & fresh water use	4A, 4B	F	.40, .60	6.4/8.0	0.40/0.50	
POLES, UTILITY		4A, 4B, 4C	D	.60	9.6	0.60
HIGHWAY MATERIAL	Lumber & Timbers					
	Lumber and timbers for bridges, structural members, decking, cribbing, & culverts	4B	A	.60	8.0	0.50
	Structural Posts & Timbers					
	Round, half-round, quarter round	4A	B	.40	6.4/8.0	0.40/0.50
	Sawn	4A	A	.40	6.4/8.0	0.40/0.50
	Posts, Guardrail					
Round	4A	D	.50	8.0	0.50	
Sawn	4A	A	.50	8.0	0.50	
CROSSTIES		4A	C	.40	8.0	0.50

¹In 5B and 5C applications where *Sphaeroma tererans*, *Limnoria tripunctata*, and *Toredo* or *pholads* are present, dual treatment is recommended: for solid sawn wood — 1.50 pcf ACZA followed by 20 pcf creosote, and for round piling — 1.00 pcf ACZA followed by 20 pcf creosote.

²Northern waters defined as New Jersey and north on the East Coast and north of San Francisco Bay on the West Coast.

For sensitive environments, specify material treated in compliance with Best Management Practices.

NA = Not in Standard. Cannot use.