



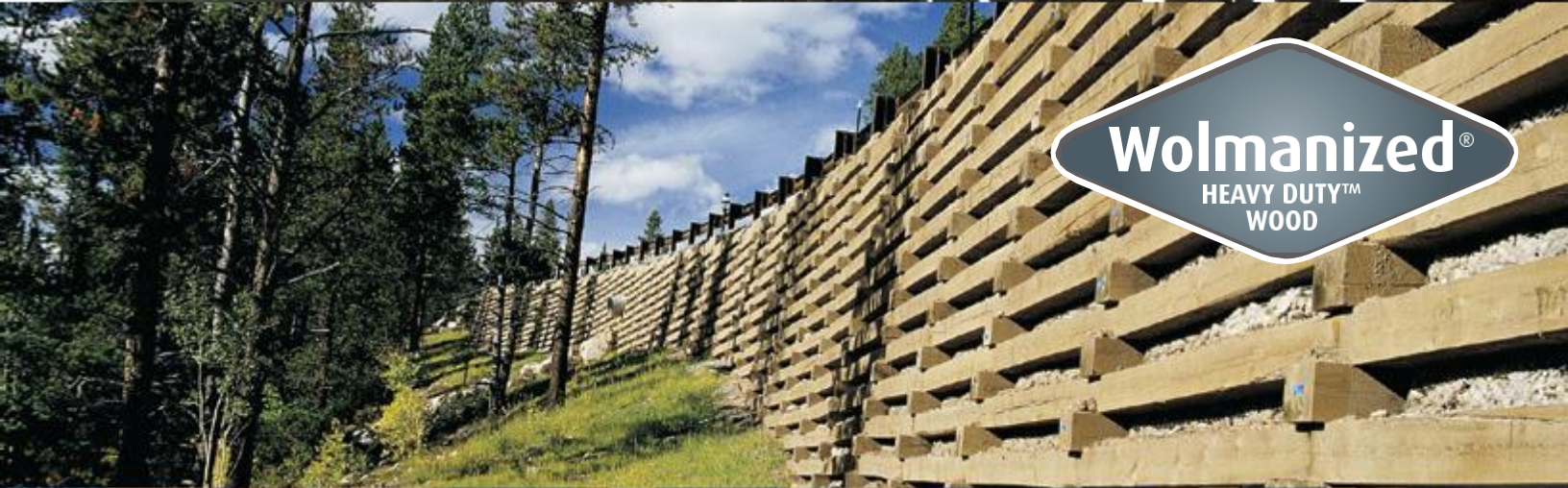
ACQ Protect™
PRESSURE-TREATED
WOOD

THUNDERBOLT INC.
WOOD TREATING

Riverbank, CA
(209) 869-4561 • (800) 826-8709
www.ThunderboltWoodTreating.com



Chemonite®
ACZA PRESSURE
TREATED WOOD



Wolmanized®
HEAVY DUTY™
WOOD



SBX (Borate)

Specification Guide for Treated Wood End Uses

Preservative Retention (Lbs. per cubic foot)

		AWPA Use				SBX
		Category	ACZA	ACQ	CCA	(Borate)
AGRICULTURE, FARM USE	Round poles and posts as structural members	4B	.60	.60	.60	NA
	Sawn poles and posts as structural members	4B	.60	.60	.60	NA
	Posts, Fence					
	Round, half & quarter round	4A	.40	.40	.40	NA
	Sawn four sides	4A	.40	.40	NA	NA
	Lumber, in soil contact	4A	.40	.40	NA	NA
	Lumber, not in soil contact	3B	.25	.25	NA	.25
	Plywood, in soil contact	4A	.40	.40	.40	NA
	Plywood, not in soil contact	3B	.25	.25	.25	.25
Grape stakes, sawn	4A	.40	.40	NA	NA	
BUILDING CONSTRUCTION MATERIAL	Sill plate	2	.25	.25	NA	.25
	Flooring, residential					
	Damp environment	2	.25	.25	NA	.25
	Dry environment	1	.25	.25	NA	.25
	Framing, interior	1, 2	.25	.25	NA	.25
	Lumber					
	Interior, above ground	1, 2	.25	.25	NA	.25
	Exterior, above ground	3B	.25	.25	NA	NA
	Ground contact and fresh water use	4A	.40	.40	NA	NA
	Permanent Wood Foundation					
	Lumber & Plywood	4B	.60	.60	.60	NA
	Plywood					
	Sub-floor, damp above ground	2	.25	.25	.25	.25
	Exterior, above ground	3B	.25	.25	.25	NA
	Ground contact and fresh water use	4A	.40	.40	.40	NA
	Poles, building					
	Round	4B	.60	.60	.60	NA
Sawn	4B	.60	.60	.60	NA	
*DECKS	Decking, joists, rails, steps (Above Ground)	3B	.25	.25	NA	NA
	Sapwood species: decking, specialties		—	—	—	NA
	Posts (Ground Contact)	4A	.40	.40	NA	NA
FENCES	Pickets, slats, trim	3A, 3B	.25	.25	NA	NA
	Posts, sawn	4A	.40	.40	NA	NA
HIGHWAY MATERIAL	Lumber and timbers for bridges, structural members, decking, cribbing, & culverts	4B	.60	.60	.60	NA
	Handrails and guardrails	3B	.25	.25	.25	NA
	Posts, general use					
	Round, half-round, quarter round	4A	.40	.40	.40	NA
	Sawn	4A	.40	.40	.40	NA
	Posts, guardrail					
	Round	4A	.50	.50	.50	NA
Sawn	4A	.50	.50	.50	NA	
DOUGLAS FIR GLUE LAMINATED MEMBERS (TREATED AFTER GLUING)	Above ground — interior / exterior	1, 2, 3B	.30	NA	NA	NA
	Ground contact and freshwater use	4A	.60	NA	NA	NA

* Not approved for CCA-treated wood produced after Dec. 30, 2003

** Not approved for borate-treated wood*