

Select the right treated timber for the job – and if possible, choose an arsenic-free alternative

Hazard level	Exposure	Biological hazard	Typical uses	Preservative currently used for hazard level
H1	Inside, above ground	Lyctid borer	Borer susceptible hardwood used for dry interior framing, flooring, furniture and joinery	Boron
H2	Inside, above ground	Borers and termites	Framing, flooring, joinery, etc. used in interior dry situations	Boron (south of the Tropic of Capricorn only), synthetic pyrethroids, imadacloprid
H2F	Inside, above ground	Borers and termites	Framing used in interior dry situations (south of the Tropic of Capricorn only)	'Blue Pine' (synthetic pyrethroids, imadacloprid)
H2S	Inside, above ground	Borers and termites	LVL/Plywood (glue-line treatment) in dry situations (south of the Tropic of Capricorn only)	Synthetic pyrethroids, imadacloprid
H3	Outside, above ground	Moderate decay, borers and termites	Weatherboard, fascia, pergola posts (above ground), window joinery, framing and decking	ACQ, CA, CCA (not residential decking), LOSP
H3A	Outside, above ground (protected by paint)	Moderate decay, borers and termites	Fascia, bargeboards, exterior cladding, decking, window and door joinery and veranda posts	LOSP
H4	Outside, in-ground	Severe decay, borers and termites	Landscaping timbers, fence posts and pergola posts (in-ground)	ACQ, CA, CCA, creosote (farm fencing only)
H5	Outside, in-ground, contact with or in fresh water	Very severe decay, borers and termites	Retaining walls, piling, house stumps and building poles	ACQ, CA, CCA, creosote (power poles)
H6	Marine waters	Marine wood borers and decay	Boat hulls, marine piles and jetty cross bracing	CCA, creosote (in waters above Batemans Bay only in combination with CCA)

ACQ: alkaline copper quaternary

CCA: copper chrome arsenate

LOSP: light organic solvent preservative

CA: copper azole

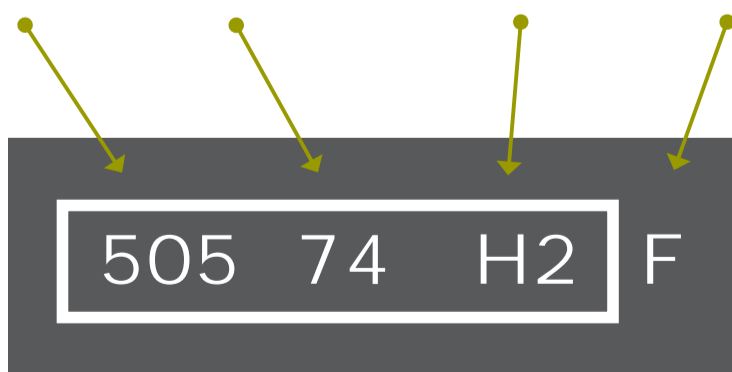
PEC: pigment emulsified creosote

LVL: laminated veneer lumber

Identifying the chemicals used to treat timber

Preservative code numbers

XXX Plant number
XX Preservative code number
HX Hazard level
X Suffix code



A typical treated timber label

CCA: 01, 02, 03, 14, 15, 16, 31, 32, 33, 34, 38, 40, 43, 51, 55

Synthetic pyrethroids: bifenthrin 73, 75; permethrin 70, 74

Copper quaternary: 89

Copper azole: 58

LOSP: tebuconazole + propiconazole + permethrin 64; imidacloprid 59, 60

Boron: 9, 10, 11

ACQ: 90

Creosote: 20; PEC 45