

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

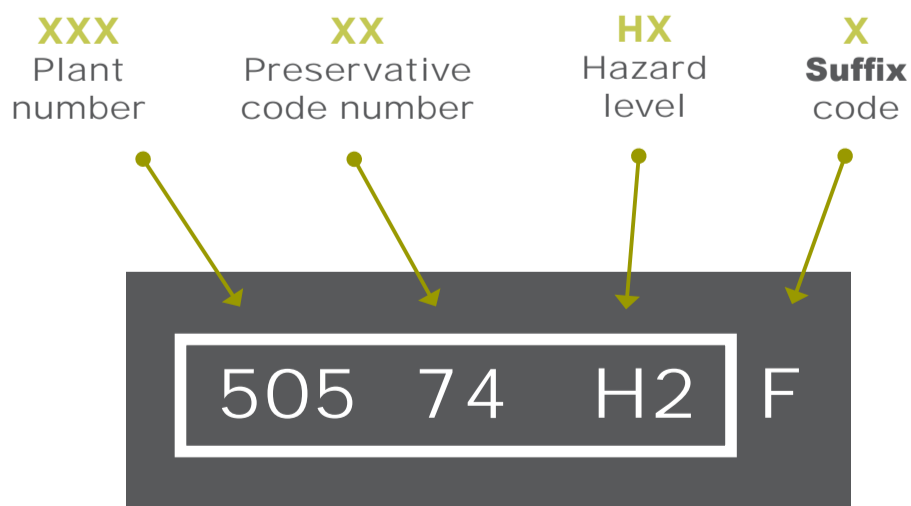
CA: copper azole

PEC: pigment emulsified creosote

LVL: laminated veneer lumber

Identifying the chemicals used to treat timber

Preservative code numbers



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