

Treated Timber | Fluid Wood Products

Our wood can be treated to preserve our products against fungal decay and insect attack. When treating, we adhere to strict NZ and International Standards and our plants are verified regularly by an independent organization (Verified Timber)

Our wood is available in a number of different treatments to suit the varied applications where our products are used. The wood is predominantly treated with CCA Chemicals, but can also be treated for BORON, ACQ, MCQ and LOSP as required or as legislated in particular countries.

The treatment dosing follows the New Zealand Hazard Class system, where treatment dosing is specified by the environment the timber will be in during its lifetime. The Hazard Class system is defined by strict New Zealand standards (specifically NZS3640 and NZS3602) and monitored regularly, to ensure quality and penetration.



Hazard Class	Exposure	Service Conditions	Biological Hazard	Typical Uses
H1.2	Protected from the weather, above ground, but with a possibility of exposure to moisture	Protected from weather, but with a risk of moisture content conducive to decay	Decay fungi and borer	Wall framing - see NZS 3602
H3.1	Exposed to the weather, above ground	Periodic wetting, not in contact with the ground	Decay fungi and borer	Cladding, fascia, joinery -see NZS 3602
H3.2	Exposed to the weather, above ground or protected from the weather but with a risk of moisture entrapment	Periodic wetting, not in contact with the ground, more critical end uses	Decay fungi and borer	Decks, pergolas, external beams, posts not in ground
H4	Exposed to the weather, in ground or in fresh water	Ground contact, or conditions of severe or continuous wetting	Decay fungi and borer	Fence posts, landscaping timbers not requiring a building consent
H5	Exposed to the weather, in ground or in fresh water	Ground contact, or conditions of severe or continuous wetting, where uses are critical & where a higher level of protection than H4 is required	Decay fungi and borer	House piles and poles, crib walling, posts in ground for decks, verandas, pergolas
H6	Exposed to weather, in ground or in salt water or more corrosive environments	Ground contact, or conditions of severe or continuous wetting where exposed to the Marine environments or other more aggressive environments	Decay fungi and borer, marine borer	Marine piling, jetty's, fenders, construction in geothermal active areas