

This data sheet explains information included on the labelling of treated timber brands. This information is required by AS 1604.1 “Preservative-treated wood-based products Part 1: Products and treatment” for producers that are claiming compliance with this standard.

Information is also provided for timber specifiers and users to identify those treated timber manufacturers who are members of Timber Queensland, from the company name or logo or treatment plant numbering system.

TREATMENT CODES

AS1604.1 “Preservative-treated wood-based products Part 1: Products and treatment” requires that preservative-treated timber is marked with the following minimum information to identify:

- A treatment company name or logo or, a plant number indicating the place of manufacture
- A preservative code number (listed in Appendix C, AS1604.1)
- A hazard class number (described in Section 1 of AS1604.1)
- A hazard suffix code

XXX	XX	HX	X
Company ID or Plant No.	Preservative No.	Hazard Level	Suffix Code

XXX may be a 3 digit numerical code indicating the company and treatment plant number or company name/logo (see Table 1)

XX is a 2 digit numerical code specifying preservative number (see Table 2)

HX is an alphanumeric code indicating the hazard appropriate to the preservative level (see Table 3) This may be combined with the HX i.e. H2S.

X is an alphabetic suffix specifying penetration, preservative or utilization restrictions. (see Table 4)

Other information may be marked on preservative-treated timber including,

- the Australian Standard relating to preservative treated timber. i.e. “AS1604.1”
- the name of the Company which manufactured the product
- the date/time of a preservative treatment
- production batch number or product numbers
- Timber treated with copper, chrome arsenate preservative must be marked “treated with copper chrome arsenate”. This is a regulatory requirement of the Australian Pesticides and Veterinary Medicines Authority.
- information relating to other product characteristics. E.g. stress grade, moisture content

TREATMENT PLANT NUMBERS

Treatment plant numbers were assigned to individual treatment plants for many years by the NSW State Government. However this service was discontinued in 2013. Timber Queensland have provided a list below of Timber Queensland members and their respective treatment plant numbers. This will assist Queensland timber users to identify preservative treated timber products from Timber Queensland treatment manufacturer members.

TABLE 1 - TREATMENT COMPANY/PLANT NUMBERS

Plant/Company Numbers	Preservative Treated Timber Manufacturer
197, 338, 511, 652, 653	AKD Softwoods
405	Allied Timber Products
218	Big River Group
349	Cahill and Co
255, 422, 424	Dale and Myers (trading as DTM Timber)
485	Dindas Australia
240, 287	Highland Pine Products
024, 049	Hyne Timber *
184, 193, 263	Hurford Group
488	ITreat Timber
410, 645, 658	Koppers Wood Products
428, 431	Parkside Group
101, 138	Pentarch Forestry (formerly Boral)
450	Ravenshoe Timbers
546, 547, 548	Tilling Timber
534	Wesbeam

* Hyne Timber also adopt Codemark certification, with corresponding labelling or identification including the certificate number (CM70001, CM70002, CM70003, CM40200) for each product.

CODEMARK

Some preservative treatments are not covered by AS 1604.1. but may have CodeMark Certification with corresponding labelling or identification such as:

Company Name	Product ID/Description
CodeMark Certificate No. i.e. CM XXXXX	

ENVELOPE TREATMENT WARNING LABEL

Where the penetration pattern is an envelope, outer veneer treatment or outer surface treatment, plywood, LVL, glulam and reconstituted wood-based products shall carry additional marking in the form of a warning label such as:

WARNING
This product has been treated to an envelope penetration pattern. If this protective envelope is broken by such actions as cutting, drilling or machining a suitable remedial treatment to repair the envelope shall be applied to cut surfaces.

Note: A suitable remedial treatment would be the application of copper naphthenate preservative.

TABLE 2 - PRESERVATIVE CODE NUMBER

Preservative Code Number	Common Preservatives
90	Alkaline copper quaternary
73, 75	Bifenthrin
09, 10, 11,	Boron
01, 02, 03, 14, 15, 16, 31, 32, 33, 34, 38, 40, 43, 46, 47, 51, 55,61	CCA
89	Copper quaternary
58	Copper azole
59, 60	Imidacloprid
70, 74	Permethrin
64	Tebuconazole + Propiconazole + Permethrin
62	Tributyltin + Permethrin

TABLE 3 - HAZARD LEVEL NUMBER

Hazard Level No.	Exposure	Biological hazard
H1	Inside, above ground	Lyctid borers
H2	Inside above ground	Borers and termites
H2F or H2S	Inside, above ground For use south of the Tropic of Capricorn only	
H3	Outside, above ground	Moderate decay, borers and termites
H4	Outside, In ground	Severe decay, borers and termites
H5	Outside, in ground contact with or in fresh water	Very severe decay, borers and termites
H6	Marine waters	Marine wood borers and decay

TABLE 4 - HAZARD SUFFIX

Product Type	AS1604.1 Part	Suffix	Used with Hazard level	Suffix Explanation & Product
Sawn and Round	1	A	H3	Tributyltin treated product
		F	H2	Envelope treated seasoned framing for use south of the Tropic of Capricorn
		S	H2	Boron treated timber for use south of the Tropic of Capricorn
Reconstituted wood-based products	1	A	H3	Tributyltin treated product
		E	H1, H2, H3	Envelope penetration
		G	H1, H2, H3	Glueline treatment
		G/F	H1, H2, H3	Glueline and face layer
		P	H1, H2, H3	Particle treatment
		S	H2	For use south of the Tropic of Capricorn
Laminated veneer lumber (LVL) & Plywood	1	A	H3	Tributyltin treated product
		E	H1, H2, H3, H4, H5	Envelope penetration
		G	H1, H2, H3, H4, H5	Glueline treatment
		G/F	H1, H2, H3, H4, H5	Glueline and face veneer treatment
		O	H1, H2, H3, H4, H5	Outer surfaces treatment
		S	H2	For use south of the Tropic of Capricorn
		V	H1, H2, H3, H4, H5	Veneer treatment
Glue laminated timber	1	A	H3	Non-structural glue laminated timber
		E	H2	Envelope treated glue laminated timber

For further information refer AS1604 1 "Preservative-treated wood-based products Part 1: Products and treatment".

SAFE WORKING

Working with timber produces dust particles. Protection of the eyes, nose and mouth when sanding, sawing and planing is highly recommended. Refer to tool manufacturers for safe working recommendations for particular items of equipment.

DISPOSAL OF OFFCUTS AND WASTE

For any treated timber, do not burn offcuts or sawdust. Preservative treated offcuts and sawdust should be disposed of by approved local authority methods.

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