

Australian/New Zealand Standard™

**Timber—Nomenclature—Australian,
New Zealand and imported species**

AS/NZS 1148:2001

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee TM-003, Timber Grading. It was approved on behalf of the Council of Standards Australia on 6 April 2001 and on behalf of the Council of Standards New Zealand on 8 June 2001. It was published on 13 July 2001.

The following interests are represented on Committee TM-003:

Australian Timber Importers Federation
CSIRO—Division of Building, Construction and Engineering
Curtin University
Forest and Forest Products Employment Skills Company
Forestry Queensland
Housing Industry Association
Master Builders Australia
New Zealand Forest Research Institute
New Zealand Timber Industry Federation
New Zealand Timber Suppliers Group
Pine Australia
Queensland Forestry Research Institute
State Forests of New South Wales
Timber Promotion Council
Timber Research and Development Advisory Council of Queensland
University of Technology, Sydney

Additional interests participating in the preparation of this Standard:

Royal Botanic Gardens, Sydney
CSIRO—Division of forest products

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STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

RECONFIRMATION
OF
AS/NZS 1148:2001
Timber—Nomenclature—Australian, New Zealand and imported species

RECONFIRMATION NOTICE

Technical Committee TM-012 has reviewed the content of this publication and in accordance with Standards Australia procedures for reconfirmation, it has been determined that the publication is still valid and does not require change.

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Australian and New Zealand Timber Preservative Manufacturers Association
Australian Forest Products Association
Australian Pesticides and Veterinary Medicines Authority
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Responsible Care New Zealand
Scion
Tasmanian Timber Promotion Board
Timber Preservers Association of Australia

NOTES

Australian/New Zealand Standard™

Timber—Nomenclature—Australian, New Zealand and imported species

Originated in Australia as AS O2—1940 and AS O118—1968.
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AS 1148—1971, AS 2543—1983 and NZS 3621:1987 jointly revised,
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee TM-003, Timber Grading, to supersede and amalgamate AS 1148—1971, *Nomenclature of commercial timbers imported into Australia*, AS 2543—1983, *Nomenclature of Australian timbers* and, in New Zealand, NZS 3621:1987, *Standard names of commercial timbers of New Zealand*.

The objective of this Standard is to provide recognized names, which indicate a particular plant species or defined group of species, for the certainty of specification of trees or timber. The names are important for the specification of species properties, particularly for the interpretation of the strength groups given in AS/NZS 2878.

This revision was undertaken to bring the scientific nomenclature up-to-date. It has resulted in changes to style, format and expression, which accommodates current Standards Australia/Standards New Zealand practice. Changes include the following:

- (a) Australian and New Zealand species are covered.
- (b) Both indigenous and imported species are included, some of which are only used occasionally or are not commercially available.
- (c) Both scientific (botanical) and preferred common names are listed at the first level of entry.
- (d) In some cases, the average density of the species listed is included for guidance. Since density of species can be variable, source documents for reference and further information are included.
- (e) Species are listed alphabetically without regard to order of hardwood or softwood, or botanical or preferred common name.
- (f) The separate list of botanical, preferred and other common names has been omitted.
- (g) Lists of authors for botanical names and changed common names have been omitted.
- (h) Numeric indexing has been removed due to the amalgamation of the three Standards, all of which had conflicting numbering systems.
- (i) Referencing to the species by botanical name is the first option, then by preferred common name.

In order to encourage the use of botanical names, the list now includes all botanical names (scientific names) in the alphabetical listing as well as the preferred common names. This new format has been chosen because the only true name for timber species is the botanical name. The names in the first column of the table are references for searching only and the name to be used is that given under the botanical name. Where the botanical name is not appropriate (see Clause 2) the preferred common name is to be used.

In some cases a number of species have been listed under the same preferred common name. This has been done where the species have very similar properties or are produced in such small quantities that they cannot be separately marketed. It also occurs for many imported hardwoods where a number of species are sold under various names depending on density or colour (e.g. *Shorea* spp.).

To ensure confidence in the market place, only those species that appear in the list under a preferred common name should be sold under that name.

The numbering systems (used in the previous Standards) have been omitted to encourage the use of the botanical names and to avoid confusion from attempting to combine three incompatible numbering systems.

In order to discourage the use of local names, local names have not been included in the alphabetical listing. Electronic versions of the Standard can be searched to determine the proper botanical name from a local name. All occurrences of the local name should be checked to ensure the correct botanical name is identified, as a local name may be used for different species in different areas, or may be similar to a preferred name.

In some cases, there may be a name that is used outside of Australia and New Zealand for commercial purposes, which conflicts with the preferred common name given in this Standard. For example, the two names may be the same but the species included are not. It is recommended that the imported material be clearly identified as different to the species indicated by the preferred common name.

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STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

Australian/New Zealand Standard**Timber—Nomenclature—Australian, New Zealand and imported species****1 SCOPE**

This Standard lists tree species (hardwoods and softwoods) that may be of commercial interest in Australia and New Zealand, including indigenous and imported species. Both botanical names (scientific names) and preferred common names are independently given in alphabetical sequence as the first point of entry to the listing. Other information given includes other common names (local names) and sources of supply.

This Standard is intended for use by engineers, import and export agents, specification writers, builders, students, teachers, government departments and all personnel concerned with the nomenclature of species in shipping, specifications and other documentation.

NOTE: Although this Standard is intended primarily as a reference document for the timber industry, the listing of a species does not mean that it is of a size suitable for use in sawmilling. Many species have been listed because of their importance, or potential importance, as a source of other types of forest product such as essential oils, drugs or paper manufacture.

2 APPLICATION

The botanical name shall be used for specifying timber. Where a botanical name is not specific enough or is not relevant (such as where a list of species is included under a single preferred common name), or where the preferred common name is so widely understood that it would be impractical to use the botanical name (e.g. radiata pine), the preferred common name shall be used for specifying timber.

NOTE: When using the botanical name, the authorship is not included, e.g. **Eucalyptus cordata** or **Thuja occidentali**. The first word always has a capital and the second is lower case.

3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

1720 Timber Structures
1720.2 Part 2: Timber Properties

AS/NZS

2878 Timber—Classification into strength groups
4491 Timber—Glossary of terms in timber related Standards

BS

7359 Nomenclature of commercial timbers including sources of supply

4 INTRODUCTION TO THE TABLE

The timber genera and species are listed in alphabetical sequence by both botanical and preferred common name.

The columns in the table are as follows:

- (a) *Search criteria (alphabetical listing)* (Column 1) The alphabetical reference used to enter the table in the form of the preferred common name or a botanical name (usually the first in the list where a list is included). This is not the name to be used, it