

Australian Standard™

**Timber—Softwood—
Sawn and milled products**

Part 2: Grade description



This Australian Standard was prepared by Committee TM-007, Sawn, Milled and Speciality Timber Products. It was approved on behalf of the Council of Standards Australia on 31 August 2001 and published on 4 January 2002.

The following interests are represented on Committee TM-007:

Australian Building Codes Board
Australian Timber Importers Federation
Construction Information Systems, Australia
Consumers Federation of Australia
Forest Products Commission (WA)
Furntech
Housing Industry Association
Master Builders Australia
New Zealand Timber Industry Federation
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Australian Standard™

Timber—Softwood— Sawn and milled products

Part 2: Grade description

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee TM-007, Sawn, Milled and Speciality Timber Products, to supersede the following Standards, which have been revised and amalgamated:

AS

- 1489—1973 Sawn boards from radiata pine (metric units)
- 1492—1973 Flooring milled from radiata pine
- 1493—1973 Shelving and dressed boards milled from radiata pine
- 1494—1973 Lining and panelling boards milled from radiata pine
- 1495—1973 Preservative-treated radiata pine cladding
- 1496—1973 Preservative-treated radiata pine fascia boards and barge boards
- 1497—1973 Milled radiata pine for joinery
- 1498—1973 Mouldings milled from radiata pine
- 1781—1975 Sawn boards from Australian grown conifers (softwood) (excluding radiata pine and cypress pine)
- 1782—1975 Flooring milled from Australian grown conifers (softwoods) (excluding radiata pine and cypress pine)
- 1783—1975 Lining boards milled from Australian grown conifers (softwoods) (excluding radiata pine and cypress pine)
- 1784—1975 Preservative-treated cladding (weatherboards and chamferboards) milled from Australian grown conifers (softwoods) (excluding radiata pine and cypress pine)
- 1785—1975 Mouldings milled from Australian grown conifers (softwoods) (excluding radiata pine and cypress pine)
- 1786—1975 Joinery timber milled from Australian grown conifers (softwoods) (excluding radiata pine and cypress pine)
- 1787—1975 Preservative-treated fascia boards and barge boards milled from Australian grown conifers (softwoods) (excluding radiata pine and cypress pine)
- 2440—1981 Sawn Douglas fir (Oregon) and sawn western hemlock (Canada pine) (in part)

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee TM-007. After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard.

The objective of this Standard is to provide producers and users with grading rules for sawn and milled softwood products and sawn softwood boards intended as feedstock for such products, for use when specifying such products intended for use in building. This revision and amalgamation was undertaken to provide uniform Standards for softwood milled products and feedstock.

This Standard is Part 2 of the AS 4785 series, which consists of the following:

AS

- 4785 Timber—Softwood—Sawn and milled products
- 4785.1 Part 1: Product specification
- 4785.2 Part 2: Grade description (this Standard)
- 4785.3 Part 3: Timber for furniture components

The Standard includes the grade descriptions from the above Standards whereas the product requirements are in AS 4785.1.

This Standard describes a series of grades for most products based on the level of feature in each grade. Grade descriptions for individual species and species groups are contained in Appendices A and B which recognizes the need for different grade rules for some species, in line with market considerations.

The terms 'normative' and 'informative' have been used in this Standard to define the application of the appendix to which they apply. A 'normative' appendix is an integral part of a Standard, whereas an 'informative' appendix is only for information and guidance.

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STANDARDS AUSTRALIA

Australian Standard
Timber—Softwood—Sawn and milled products

Part 2: Grade description

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard describes grades for products sawn or milled from softwood.

NOTES:

- 1 The coverage by this Standard of all softwood species does not imply their availability nor the availability of every grade in any species or species group.
- 2 Milled timber for window frames, sashes and sills is specified in AS 2047.
- 3 Timber products milled from cypress species are specified in AS 1810.
- 4 Timber for furniture components is specified in AS 4785.3.
- 5 This Standard may be used as a basis for a third party product certification scheme.

1.2 APPLICATION

The grade descriptions given in this Standard are for use with the sawn and milled timber products specified in AS 4785.1 (see Clause 1.1). The grade descriptions are listed in Appendices A and B.

NOTE: Summaries of the grade descriptions are given in the Appendix C; however, they are not exhaustive and do not take the place of the requirements set out in this Standard. Reference should be made to the appropriate Sections of this Standard for a complete description of the grades.

1.3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS	
1810	Timber—Seasoned cypress pine—Milled products
2047	Windows in buildings—Selection and installation
4785	Timber—Softwood—Sawn and milled products
4785.1	Part 1: Product specification
4785.3	Part 3: Timber for furniture components
AS/NZS	
1030	Timber—Methods of test
1080.2.1	Method 2.1: Slope of grain by scribe
1080.2.2	Method 2.2: Slope of grain by reference to surface checks
1080.2.3	Method 2.3: Slope of grain by splintering
4491	Timber—Glossary of terms in timber-related Standards