

Australian Standard™

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**Manufacture of nailplate-joined  
timber products**

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This Australian Standard was prepared by Committee TM/2, Timber Framing. It was approved on behalf of the Council of Standards Australia on 27 November 1998 and published on 5 February 1999.

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Australian Building Codes Board  
Australian Institute of Building  
Australian Institute of Building Surveyors  
Building Research Association of New Zealand Inc  
CSIRO Building, Construction and Engineering  
Housing Industry Association  
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First published as AS 4446—1999.

## PREFACE

This Standard was prepared by the Joint Standards Australian/Standards New Zealand Committee TM/2, Timber Framing.

This Standard is the result of a consensus among Australian and New Zealand representatives on the Joint Committee to produce it as an Australian Standard.

During the course of preparation of this Standard, consideration was given to research, industry comment and related information from sources in Australia and overseas.

The term 'informative' has been used in this Standard to define the application of the appendix to which it applies. An 'informative' appendix is only for information and guidance.

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# STANDARDS AUSTRALIA

## Australian Standard

### Manufacture of nailplate-jointed timber products

#### 1 SCOPE

This Standard sets minimum requirements for manufacturing specifications applicable to nailplate-jointed timber products.

This Standard covers raw material requirements, manufacturing requirements, product assessment, and product identification.

##### NOTES:

- 1 This Standard does not cover the assigning of structural properties for design purpose.
- 2 This Standard does not cover requirements for the manufacture of nailplated timber trusses.

#### 2 OBJECTIVE

The objective of this Standard is to provide—

- (a) a basis for the evaluation and acceptance of manufacturing specifications for nailplate-jointed timber products;
- (b) a basis for certification of conformity of manufacture under product certification programs conducted by certification bodies; and
- (c) a framework for the manufacture of nailplate-jointed timber.

#### 3 APPLICATION

The requirements set by this Standard shall be incorporated within, and satisfied by, manufacturing specifications for nailplate-jointed timber.

NOTE: It is common practice that the manufacturing specifications are prepared by the nailplate manufacturers.

Products conforming to this Standard shall be in accordance with design information or documentations developed and provided in conjunction with the manufacturing specifications. Such information or documentation shall also specify and limit the uses and applications of the product and any application methods required for satisfactory performance.

#### 4 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

##### AS

1397 Steel sheet and strip—Hot-dipped zinc-coated or Aluminium/zinc-coated

2082 Visually stress-graded hardwood for structural purposes

2858 Timber—Softwood—Visually stress-graded for structural purposes

3519 Timber—Machine proof-grading

##### AS/NZS

1748 Timber—Stress-graded—Product requirements for mechanically stress-graded timber