

Australian Standard™

**Timber—Non-structural glued
laminated—Performance and production
requirements**

This Australian Standard was prepared by Committee TM-004, Glued Timber Products. It was approved on behalf of the Council of Standards Australia on 28 March 2003 and published on 8 May 2003.

The following are represented on Committee TM-004:

Glued Laminated Timber Association
Housing Industry Association
Monash University
New Zealand Adhesives Industry
New Zealand Forest Research Institute
New Zealand Timber Certification Board
New Zealand Timber Industry Federation
New Zealand Timber Suppliers Group
Plantation Timber Association of Australia
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee TM-004, Glued Timber Products. 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 specify requirements for non-structural timber assemblies manufactured from timber laminae having grain direction parallel with each other and glued together to form a single unit.

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.

Statements expressed in mandatory terms in notes to tables are deemed to be requirements of this Standard.

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STANDARDS AUSTRALIA

Australian Standard

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SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies requirements for non-structural timber assemblies manufactured from timber laminae having grain direction parallel with each other and glued together to form a single unit.

1.2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

- 1530 Methods for fire tests on building materials, components and structures
 1530.3 Part 3: Simultaneous determination of ignitability, flame propagation, heat release and smoke release
 1810 Timber—Seasoned cypress pine—Milled products
 2796 Timber—Seasoned hardwood—Milled products
 2796.1 Part 1: Product specification

AS/NZS

- 1080 Timber—Methods of test
 1080.1 Method 1: Moisture content
 1604 Specification for preservative treatment
 1604.5 Part 5: Glued laminated timber products
 4364 Adhesives, polycolic and aminoplastic, for load-bearing timber structures—Classification and performance requirements
 4491 Glossary of terms used in timber related Standards

ISO/IEC

- Guide 2 General terms and their definitions concerning standardization and related activities

ABC

- BC Building Code of Australia

1.3 DEFINITIONS

For the purposes of this Standard, the definitions given in AS/NZ 4491 and those below apply.

1.3.1 Assembly

Timber laminae glued together in a face- and/or edge-bonded configuration (see Figure 1), commonly known as glulam.