

Australian/New Zealand Standard™

**Reconstituted wood-based panels—
Specifications**

Part 3: Decorative overlaid wood panels



AS/NZS 1859.3:2005

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee TM-005, Reconstituted Timber Panel Products. It was approved on behalf of the Council of Standards Australia on 29 March 2005 and on behalf of the Council of Standards New Zealand on 1 April 2005.
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The following are represented on Committee TM-005:

Australian Building Codes Board
Australian Wood Panels Association
Commercial Furniture Industry Association of Australia
CSIRO Forestry and Forest Products
Forests New South Wales
Furntech
Housing Industry Association of Australia
Monash University
New Zealand Forest Research Institute
New Zealand Wood Panel Manufacturers Association

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee TM-005, Reconstituted Timber Panel Products, to supersede [AS/NZS 1859.3:1996](#), *Reconstituted wood-based panels*, Part 3: *Decorative overlaid wood panels*.

This Standard incorporates Amendment No. 1 (September 2009). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

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.

This Standard provides performance requirements and specifications for the manufacture and application of decorative overlaid wood panels.

The main objective of this revision is to update the terminologies for consistency with the other Parts of [AS/NZS 1859](#) series dealing with reconstituted wood-based panels, which are published as follows:

[AS/NZS](#)

- [1859](#) Reconstituted wood-based panels
- [1859.1](#) Part 1: Particleboard
- [1859.2](#) Part 2: Dry-processed fibreboard
- [1859.3](#) Part 3: Decorative overlaid wood panels (this Standard)
- [1859.4](#) Part 4: Wet-processed fibreboard

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/STANDARDS NEW ZEALAND

Australian/New Zealand Standard
Reconstituted wood-based panels—Specifications

Part 3: Decorative overlaid wood panels

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies requirements for decorative overlaid wood panels. It includes four types of decorative overlay applied to wood panel substrate.

NOTES:

- 1 Appendix A lists information that should be supplied by the purchaser at the time of inquiry or order.
- 2 Appendix B describes recommended practices for the handling and storage of decorative overlaid wood panel.
- 3 Appendix C describes recommended practices for selection and application of screw fasteners.

1.2 APPLICATION

Decorative overlaid wood panels shall comply with Section 2 and the following sections, as applicable to type:

- | | |
|--|------------|
| (a) Direct surfaced with thermosetting resins (termed low pressure melamine) | Section 3. |
| (b) PVC film | Section 4. |
| (c) Paper foils | Section 5. |
| (d) Wood veneers | Section 6. |

Substrates to which decorative overlays are applied shall be standard or moisture-resistant (MR) particleboard, or standard or moisture-resistant (MR) fibreboard, complying with [AS/NZS 1859.1](#), [AS/NZS 1859.2](#), and [AS/NZS 1859.4](#), respectively.

1.3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

[AS/NZS](#)

1859	Reconstituted wood-based panels
1859.1	Part 1: Particleboard
1859.2	Part 2: Dry-processed fibreboard
1859.4	Part 4: Wet-processed fibreboard
4266	Reconstituted wood-based panels—Methods of test
4266.1	Method 1: Sampling, cutting, and conditioning of test pieces
4266.2	Method 2: Dimensions, squareness, flatness, and edge straightness of whole panel
4266.19	Method 19: Assessing appearance of melamine overlaid panels
4266.20	Method 20: Resistance to surface abrasion (Taber abrasion test)