



Cabinetry in the built-in environment— Commercial and domestic



This Australian Standard® was prepared by Committee BD-089, Kitchen Units. It was approved on behalf of the Council of Standards Australia on 18 June 2018. This Standard was published on 29 June 2018.

The following are represented on Committee BD-089:

- Cabinet Makers and Designers Association
 - Engineered Wood Products Association of Australasia
 - Forest and Wood Products Australia
 - Furnishing Industry Association of Australia
 - Furniture Teachers Advisory Group
 - Furntech-AFRDI
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This Standard was issued in draft form for comment as DR AS/NZS 4386:2017.

Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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Australian Standard®

**Cabinetry in the built-in environment—
Commercial and domestic**

Originated as AS/NZS 4386.1:1996 and AS/NZS 4386.2:1996.
Revised, amalgamated and redesignated as AS 4386:2018.

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PREFACE

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee BD-089, Kitchen Units, to supersede AS/NZS 4386.1:1996, *Domestic kitchen assemblies, Part 1: Kitchen units* and AS/NZS 4386.2:1996, *Domestic kitchen assemblies, Part 2: Installation*.

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 objective of this Standard is to set out requirements for the design, manufacture and installation of cabinetry in the built environment covering kitchens and built-in furniture.

The major changes in this edition are as follows:

- (a) Scope extended to include the built-in sector and kitchen manufacturing and installation.
- (b) Updated requirements recognising new and current materials.
- (c) Incorporated requirements from AS/NZS 3000, AS/NZS 3500 (series) and AS/NZS 5601.
- (d) Added guidance surrounding tolerances.
- (e) Added requirements for formaldehyde and moisture resistant materials.

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

Cabinetry in the built-in environment—Commercial and domestic

1 SCOPE

This Standard specifies the minimum requirements for the construction and installation of cabinets in the built-in environment for use in both commercial and domestic applications to ensure the required strength, durability and safety. It also specifies cabinet components. It is designed for use by manufacturers, builders, consumers, specifiers and regulatory authorities.

NOTES:

- 1 Appendix A provides details for the ergonomic considerations of kitchen designs.
- 2 Refer to AS 1428.2 and AS 4299 for kitchen cabinets built for people with disabilities.
- 3 This Standard is primarily intended for Classes 1, 2, 3 and a Class 4 part building as defined in the Building Code of Australia (BCA), but may also include Classes 5, 6, 7B, 8 and 9.

2 APPLICATION

This Standard applies to the methods of construction, materials, and hardware of cabinetry in the built-in environment in domestic and commercial applications. It also covers cabinetry in high use areas, high moisture areas such as kitchens, bathrooms and other zones with water sources, and protected external applications.

3 NORMATIVE REFERENCES

The following documents are referred to in this Standard:

AS

- | | |
|--------|--|
| 2796 | Timber—Hardwood—Sawn and milled products |
| 2796.3 | Part 3: Timber for furniture components |
| 4785 | Timber—Softwood—Sawn and milled products |
| 4785.3 | Part 3: Timber for furniture components |

AS/NZS

- | | |
|--------|---|
| 1859 | Reconstituted wood-based panels—Specifications |
| 1859.1 | Part 1: Particleboard |
| 1859.2 | Part 2: Dry process fibreboard |
| 1859.3 | Part 3: Decorative overlaid wood panels |
| 1859.4 | Part 4: Wet process fibreboard |
| 2269 | Plywood—Structural (series) |
| 2270 | Plywood and blockboard for interior use |
| 2271 | Plywood and blockboard for exterior use |
| 2272 | Plywood—Marine |
| 2754 | Adhesives for timber and timber products |
| 2754.1 | Part 1 Adhesives for manufacture of plywood and laminated veneer lumber (LVL) |
| 2754.2 | Part 2 Polymer emulsion adhesives |
| 2924 | High-pressure decorative laminates—Sheets made from thermosetting resins |
| 2924.1 | Part 1: Classification and specifications |