

AS/NZS 4386.1:1996

Australian/New Zealand Standard<sup>®</sup>

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**Domestic kitchen assemblies**

**Part 1: Kitchen units**

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This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee BD/89, Kitchen Units. It was approved on behalf of the Council of Standards Australia on 18 March 1996 and on behalf of the Council of Standards New Zealand on 22 April 1996. It was published on 5 July 1996.

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The following interests are represented on Committee BD/89:

Australian Furnishing Research and Development Institute  
Australian Business  
Australian Committee of Independent Living Centres  
Australian Wood Panels Association  
Australian Woodworking Industry Suppliers Association  
Consumers Federation of Australia  
HIA-National Kitchen and Bathroom Association, Australia  
Housing Industry Association, Australia  
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New Zealand Manufacturers Federation  
New Zealand National Kitchen and Bathroom Association  
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## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee BD/89 on Kitchen Units.

It is one of a series of Standards which, when complete, will comprise:

AS/NZS

- 4386 Domestic kitchen assemblies
- 4386.1 Part 1: Kitchen units (this Standard)
- 4386.2 Part 2: Installation

These Standards are to be used in conjunction with the series of test methods for domestic kitchen assemblies which, when complete, will comprise:

AS/NZS

- 4387 Domestic kitchen assemblies—Methods of test
- 4387.0 Part 0: Introduction, list of methods and general requirements
- 4387.1 Method 1: Determination of strength of carcass and underframe
- 4387.2 Method 2: Determination of shelf deflection
- 4387.3 Method 3: Determination of strength of shelf supports
- 4387.4 Method 4: Determination of the strength of worktops and bottom surfaces
- 4387.5 Method 5: Determination of strength of hinged doors
- 4387.6 Method 6: Determination of slam open of hinged doors
- 4387.7 Method 7: Determination of slam shut of hinged doors
- 4387.8 Method 8: Determination of wear and fatigue of hinged doors
- 4387.9 Method 9: Determination of resistance to downward static load on drawers and other runner-supported items
- 4387.10 Method 10: Determination of slam open of drawers
- 4387.11 Method 11: Determination of slam shut of drawers
- 4387.12 Method 12: Determination of retention of the bottom surface of drawers
- 4387.13 Method 13: Determination of wear and fatigue of drawers, sliding shelves and runners
- 4387.14 Method 14: Determination of strength of handles
- 4387.15 Method 15: Determination of the strength of support frames for wall attachment devices
- 4387.16 Method 16: Determination of calibration of drawer slamming apparatus

The purpose of standardization of kitchen equipment is to allow components to be combined in arrangements which are harmonious and rational, with due account being taken of ergonomic and economic considerations.

The following aspects have to be considered:

- (a) The sizes of component parts.
- (b) The specific areas of each item of equipment, taking into account the possibility of their complete or partial overlapping.
- (c) The location of services (e.g. water, gas, drainage, electricity).
- (d) The combinations of components.

This Standard has been prepared according to the principles of the modular coordination of domestic kitchen assemblies.

This Standard recommends sizes for accommodating kitchen equipment in domestic dwellings.

Where mandatory notes to tables are used in this Standard, they are deemed to form an integral part of the Standard.

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.

This Standard makes reference to AFRDI (Australian Furniture Research and Development Institute Limited) Standards.

AFRDI Standards are available from:

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