

Australian Standard[®]

TIMBER DOORSETS

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The following interests are represented on Committee TM/104:

- Australian Council of Furniture Manufacturers
- Australian Institute of Building
- CSIRO, Division of Chemical and Wood Technology
- Department of Public Works, New South Wales
- Door Manufacturers Association of Australia
- Forest Products Association of Western Australia
- Housing trusts and commissions
- Lending institutions
- New South Wales Timber Advisory Council
- Master Builders' Federation of Australia
- Plywood Association of Australia
- Radiata Pine Research Institute Inc.
- Railways of Australia Committee
- Royal Australian Institute of Architects
- Sawmillers associations
- State Forestry Department
- Tasmanian Timber Association
- Timber Development Association of South Australia
- Timber merchants associations
- Timber Promotion Council
- Timber Research and Development Advisory Council

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PREFACE

This standard was prepared by the Association's Committee on Milled Timber Products and supersedes that part of AS 1908-1976 that dealt with door frames and door jamb linings as components of the doorsets specified in that standard.

In AS 1908-1976, a doorset was defined as the combination of a door and its hanging frame. However, in this new edition, it is defined as an assembly comprising a door—

- (a) manufactured in accordance with AS 2688, Timber Doors, and
- (b) its hanging frame.

The separation of doors and doorsets has become necessary to enable implementation of the SAA Certification Trade Mark Scheme (AS Mark) to doorsets.

This standard applies to basic general purpose doorsets, i.e. materials, door frames and door jamb linings, used in combination with doors manufactured to AS 2688. It does not apply to fire resistant doorsets, hospital doorsets, special-purpose doorsets and doorsets that are higher or wider than the maximum dimensions given in Table 1.1. For these latter doorsets, the jointing systems and component sizes specified herein may be insufficient to impart the necessary structural adequacy or the room to fit the desired hardware.

An appendix has been included setting out information to be given with enquiries and orders which highlights options allowed in the standard that require decisions on the part of the purchaser.

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STANDARDS ASSOCIATION OF AUSTRALIA

Australian Standard for TIMBER DOORSETS

SECTION 1. SCOPE AND GENERAL

1.1 SCOPE. This standard specifies requirements for timber doorsets as defined in Clause 1.4.

NOTES:

1. Architraves are not specified herein but may be supplied with doorsets.
2. Appendix A gives guidance on the information that should be supplied with enquiries and orders.

1.2 APPLICATION. Doorsets shall comply with the relevant requirements of Section 1 together with the specific requirements of Sections 2 to 4, as appropriate to the type of hanging frames, and with AS 2688 as follows:

- (a) Materials Section 2.
- (b) Door frames Section 3.
- (c) Door jamb linings Section 4.
- (d) Doors AS 2688.

1.3 REFERENCED DOCUMENTS. The following standards are referred to in this standard:

AS 1080	Methods of Test for Timber Part 1 — Moisture Content
AS 1148	Nomenclature of Commercial Timbers Imported into Australia
AS 1224	Preferred Sizes of Building Components
AS 1497	Milled Radiata Pine for Joinery
AS 1604	Preservative Treatment for Sawn Timber, Veneer and Plywood
AS 1607	Water-repellent Solution for the Treatment of Timber, Joinery and Other Timber Products
AS 1728	Types of Timber Surfaces
AS 1786	Joinery Timber Milled from Australian-grown Conifers (Softwoods) (Excluding Radiata Pine and Cypress Pine)
AS 2082	Visually Stress-graded Hardwood for Structural Purposes
AS 2301	Wood Primer, Solvent Borne, Brushing
AS 2440	Sawn Douglas Fir (Oregon) and Sawn Western Hemlock (Canada Pine)
AS 2543	Nomenclature of Australian Timbers
AS 2688	Timber Doors
AS O1	Glossary of Terms Used in Timber Standards
AS O36	Timber Used in the Manufacture of Joinery in Western Australia

1.4 DEFINITIONS. The terms used in this standard shall be interpreted in accordance with AS O1 and the following definitions:

1.4.1 Door frame — a timber frame, previously assembled, surrounding and supporting a door, not necessarily the thickness of the wall. It consists of two jambs, a head and sometimes a transom and/or sill, either machined from solid stock or with a planted door stop.

1.4.2 Door jamb lining — a lining to the jambs and head of an internal door opening, either machined from solid stock or with a planted door stop.

1.4.3 Door stop — that part of a door frame or door jamb lining, whether machined from solid stock or planted, against which the door stops.

1.4.4 Doorset — an assembly comprising a door manufactured in accordance with AS 2688 and its hanging frame.

1.4.5 Head — the horizontal member of a door frame or door jamb lining

1.4.6 Jamb — the vertical side members of a door frame or door jamb lining

1.4.7 Split jamb lining — a door jamb lining built-up and adjustable to suit varying wall thicknesses.

1.4.8 Threshold — the horizontal bottom member or sill of a door frame.

NOTE: The term 'sill' is sometimes used synonymously with 'threshold'.

1.5 DIMENSIONS AND PROFILES OF DOORSETS AND COMPONENTS.

1.5.1 Doorsets. Doorsets shall conform to the dimensions given in Table 1.1, which shall be interpreted as being 'finished' dimensions.

For the purposes of this standard, height and width shall be the dimensions shown in Figs 1.1 and 1.2.

NOTES:

1. This standard does not apply to doorsets of dimensions larger than those set out in Table 1.1 and designers of larger doorsets should ensure structural adequacy.
2. Attention is drawn to the need for heads of door frames and door jamb linings to be set high enough to permit the installation of a standard door with sufficient clearance between floor height and the bottom of the door to accommodate the specified floor covering.

1.5.2 Profiles. The profiles of door frames, door jamb linings, heads and thresholds shall be as shown in Figs 3.1 and 3.3.

1.6 SURFACE FINISH OF DOORSETS. The surface finish of all surfaces of doorsets shall be not less than the following:

- (a) For clear finishing — a No 3 abraded surface as specified in AS 1728.
- (b) For pigmented/paint finish — a No 1 abraded surface as specified in AS 1728.