

AS 1860—1998

Building Code of Australia
primary referenced Standard

Australian Standard™

Installation of particle board flooring



ABCB

Australian Building Codes Board

STANDARDS AUSTRALIA



This Australian Standard was prepared by Committee TM/5, Reconstituted Timber Panel Products. It was approved on behalf of the Council of Standards Australia on 3 April 1998 and published on 5 May 1998.

The following interests are represented on Committee TM/5:

Australian Building Codes Board
Australian Wood Panel Association
CSIRO, Division of Forestry and Forest Products
Department of Housing, N.S.W.
Furnishing Industry Association of Australia
Housing Industry Association of Australia
Master Builders, Australia
Monash University
New Zealand Wood Panel Manufacturers Association
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Australian Standard™

Installation of particle board flooring

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee TM/5, Reconstituted Timber Panel Products, to supersede AS 1860—1991.

This Standard is the result of a consensus among Australian and New Zealand representatives on the joint Committee to produce it as an Australian Standard.

The objective of this revision is to update the minimum requirements for the installation of particleboard flooring, which are acceptable to building authorities in Australia. This has resulted in changes to style, format and expression, which accommodate current Standards Australia practice.

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

Australian Standard

Installation of particleboard flooring

1 SCOPE This Standard sets out procedures for the selection, placement and fixing of Class 1 particleboard flooring complying with AS/NZS 1859.1.

This Standard does not cover waterproofing procedures necessary for wet area rooms, which are covered by AS 3740.

NOTE: For confirmation of selection, placement and fixing procedures, consult the appropriate authority (engineer, architect or advisory organization).

2 APPLICATION The main application of this Standard is in housing. However, procedures and specifications may apply to particleboard used as flooring in applications where the particleboard is applied over a system of parallel joists of either wood or steel.

NOTE: Particleboard flooring is not suitable for external decking.

This Standard will be referenced in the Building Code of Australia by way of BCA Amendment 3 intended for publication by 1 July 1998, thereby superseding the previous edition, AS 1860—1991, which will be withdrawn 12 months from the date of publication of this edition.

3 REFERENCED DOCUMENTS The following documents are referred to in this Standard:

AS

- 1684 National Timber Framing Code
- 1791 Chromate conversion coating — Zinc and cadmium
- 3566 Screws—Self-drilling —For the building and construction industries
- 3660 Protection of building from subterranean termites
- 3660.1 Part 1: New buildings
- 3740 Waterproofing of wet areas within residential buildings

AS/NZS

- 1859 Reconstituted wood-based panels
- 1859.1 Part 1: Particleboard
- 4491 Timber.—Glossary of terms in timber related Standards

4 DEFINITIONS For the purpose of this Standard definitions in AS/NZS 4491 and those below apply. Where the definitions below differ from those in AS/NZS 4491, those below take precedence.

4.1 Fitted floor construction—a technique whereby flooring is laid over a system of parallel joists and fitted between the bottom wall plates of each room and hallway. This procedure is usually carried out after the roof covering and external wall cladding have been completed (see Figures 1 and 2).

4.2 Particleboard flooring—a generic term used to describe a product, manufactured from ligno-cellulosic material (usually wood) and an adhesive, that complies with the requirements for particleboard specified in AS/NZS 1859.1

4.3 Particleboard FT—a term indicating that the panel includes fungicide treatment.