

Australian/New Zealand Standard™

Particleboard flooring

Part 1: Specifications



AS/NZS 1860.1:2017

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee TM-011, Engineered Timber Products. It was approved on behalf of the Council of Standards Australia on 13 September 2017 and by the New Zealand Standards Approval Board on 4 October 2017.

This Standard was published on 16 November 2017.

The following are represented on Committee TM-011:

Australian Building Codes Board
Australian Forest Products Association
Australian Timber Importers Federation
Australian Wood Panels Association
Building Research Association of New Zealand
Engineered Wood Products Association of Australasia
Forest and Wood Products Australia
Furntech-AFRDI
Glued Laminated Timber Association of Australia
Master Builders Australia
New Zealand Plywood Manufacturers Association
New Zealand Timber Industry Federation
Timber Design Society
University of Melbourne
Wood Processors & Manufacturers Association of New Zealand

Keeping Standards up-to-date

Standards are living documents which reflect progress in science, technology and systems. To maintain their currency, all Standards are periodically reviewed, and new editions are published. Between editions, amendments may be issued. Standards may also be withdrawn. It is important that readers assure themselves they are using a current Standard, which should include any amendments which may have been published since the Standard was purchased.

Detailed information about joint Australian/New Zealand Standards can be found by visiting the Standards Web Shop at www.saiglobal.com or Standards New Zealand web site at www.standards.govt.nz and looking up the relevant Standard in the on-line catalogue.

For more frequent listings or notification of revisions, amendments and withdrawals, Standards Australia and Standards New Zealand offer a number of update options. For information about these services, users should contact their respective national Standards organization.

We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Please address your comments to the Chief Executive of Standards Australia or the New Zealand Standards Executive at the address shown on the back cover.

This Standard was issued in draft form for comment as DR AS NZS 1860.1:2016.

Australian/New Zealand Standard™

Particleboard flooring

Part 1: Specifications

Originated as part of AS O115—1968.
Previous edition AS/NZS 1859.1:1997.
Jointly revised and redesignated in part as AS/NZS 1860.1:2002.
This edition 2017.

COPYRIGHT

© Standards Australia Limited

© The Crown in right of New Zealand, administered by the New Zealand Standards Executive

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher, unless otherwise permitted under the Copyright Act 1968 (Australia) or the Copyright Act 1994 (New Zealand).

Jointly published by SAI Global Limited under licence from Standards Australia Limited, GPO Box 476, Sydney, NSW 2001 and by Standards New Zealand, PO Box 1473, Wellington 6140.

ISBN 978 1 76035 941 6

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee TM-011, Engineered Timber Products, to supersede AS/NZS 1860.1:2002, *Particleboard flooring*, Part 1: *Specifications*.

The objective of this Standard is to specify performance requirements in the manufacture and application of particleboard flooring.

This Standard is Part 1 of the AS/NZS 1860 series, dealing with particleboard flooring, as follows:

AS/NZS 1860	Particleboard flooring
AS/NZS 1860.1	Part 1: Specifications (this Standard)
AS 1860.2	Part 2: Installation

CONTENTS

	<i>Page</i>
1 SCOPE	4
2 APPLICATION.....	4
3 REFERENCED DOCUMENTS	4
4 DEFINITIONS	4
5 CLASSIFICATION.....	5
6 REQUIREMENTS AT DISPATCH	5
7 SPECIFIC REQUIREMENTS	6
8 SUPPLEMENTARY PROPERTIES	8
9 PRODUCTS WITH ADDITIONAL FEATURES	8
10 VERIFICATION OF COMPLIANCE.....	9
11 MARKING	9

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

Australian/New Zealand Standard
Particleboard flooring

Part 1: Specifications

1 SCOPE

This Standard specifies the product requirements for particleboard flooring, as classified in Clause 5.

2 APPLICATION

The requirements specified in this Standard relate to product properties of particleboard flooring, which is intended to be installed in accordance with AS 1860.2.

3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

1860 Particleboard flooring

1860.2 Part 2: Installation

AS/NZS

1604 Specification for preservative treatment

1604.2 Part 2: Reconstituted wood-based products

4063 Characterization of structural timber

4063.1 Part 1: Test methods

4063.2 Part 2: Determination of characteristic values

4266 Reconstituted wood-based panels—Methods of testing

4266.1 Part 1: Base panels

Australian Building Codes Board (ABCB)

National Construction Code (NCC)

Australian Wood Preservative Committee (AWPC)

Protocols for assessment of wood preservative, September 2015 Revision

4 DEFINITIONS

For the purpose of this Standard, the definitions below apply.

4.1 Particleboard

Panel material manufactured under pressure and heat from particles of wood (strands, wood flakes, chips, shavings, sawdust, and similar) and/or lignocellulosic material in particle form (flax shives, hemp hurds, bagasse fragments, rice hulls, wheat straw and similar) with the addition of an adhesive.

Wood-based particleboard may be manufactured from virgin, reclaimed or recycled fibre or combinations of each.

Recycled materials are defined in AS 4707. Within the definition for ‘Recycled material’, Item (a) refers to reclaimed fibre and Item (b) refers to recycled fibre.