

Australian/New Zealand Standard™

Reconstituted wood-based panels— Specifications

Part 4: Wet process fibreboard



AS/NZS 1859.4:2018

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee TM-011, Reconstituted Timber Panel Products. It was approved on behalf of the Council of Standards Australia on 9 February 2018 and by the New Zealand Standards Approval Board on 31 January 2018.
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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
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee TM-011, Reconstituted Timber Panel Products, to supersede AS/NZS 1859.4:2004.

The objective of this Standard is to specify the product requirements for the types of wet process fibreboards—hardboard, medium board and softboards. The aim is to reflect current marketplace expectations for wet process fibreboard performance.

The objective of this revision is to update physical properties of product.

This Standard is Part 4 of the AS/NZS 1859 series, dealing with reconstituted wood-based panel products, as follows:

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 (this Standard)

Statements expressed in mandatory terms in footnotes to tables are deemed to be requirements of this 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.

CONTENTS

	<i>Page</i>
1 SCOPE	4
2 APPLICATION.....	4
3 NORMATIVE REFERENCE.....	4
4 TERMS AND DEFINITIONS.....	4
5 CLASSIFICATION.....	5
6 REQUIREMENTS AT DISPATCH.....	5
7 SPECIFIC REQUIREMENTS	6
8 VERIFICATION OF CONFORMANCE	8
9 MARKING	8
APPENDIX A	
SUPPLEMENTARY PROPERTIES.....	9

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

Australian/New Zealand Standard
Reconstituted wood-based panels—Specifications**Part 4: Wet process fibreboard****1 SCOPE**

This Standard specifies product requirements for wet process fibreboard, including hardboard, medium board and softboard, as classified in Clause 5.

2 APPLICATION

The requirements specified in this Standard relate to product properties and are for the purpose of quality assessment. They are not the characteristic values for use in structural design calculations.

3 NORMATIVE REFERENCE

The following document is referred to in this Standard:

AS/NZS

4266 Reconstituted wood-based panels—Methods of testing

4266.1 Part 1: Base panels

4 TERMS AND DEFINITIONS

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

4.1 Decorative board

Board with one or both surfaces having bonded films, papers, cloths, any coatings, paints, or printing, or any embossed or grooved patterns.

4.2 Dry conditions

Conditions characterized by a moisture content in the materials corresponding to that found in a well-ventilated temperate environment (temperatures generally less than 25°C and a relative humidity of the surrounding air exceeding 65% only for a few weeks per year).

4.3 Exterior conditions

Conditions characterized by exposure to climatic and environmental factors such as rain, sunlight, atmospheric pollutants, and the like.

4.4 Exterior hardboard

Hardboard suitable for use in exterior above ground conditions as defined in Clause 4.3.

4.5 General-purpose (GP) fibreboard

A hardboard or medium board panel intended for use in all non-loadbearing interior (dry condition) applications, (e.g. for furniture or fitments).

NOTE: GP classification includes hardboard and medium board (see Clause 5.)

4.6 Hardboard

Wet process fibreboard, the density of which is greater than 800 kg/m³.