

Australian/New Zealand Standard™

## Cellulose-cement products

### Part 2: Flat sheets

[ISO title: Fibre-cement flat sheets]

## AS/NZS 2908.2:2000

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This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee BD/40, Fibre Cement Building Products. It was approved on behalf of the Council of Standards Australia on 3 March 2000 and on behalf of the Council of Standards New Zealand on 4 April 2000. It was published on 12 May 2000.

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The following interests are represented on Committee BD/40:

Australian Building Codes Board  
Australian Chamber of Commerce and Industry  
Australian Institute of Building  
Federation of Wall and Ceiling Industries, Australia and New Zealand  
Housing Industry Association, Australia  
New Zealand Manufacturers Federation  
Master Builders, Australia

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# Australian/New Zealand Standard™

## Cellulose-cement products

### Part 2: Flat sheets

Originated in Australia as AS 2908.2—1992.  
Jointly revised and designated as AS/NZS 2908.2:2000.

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## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee BD/40, Fibre Cement Building Products, to supersede AS 2908.2—1992, *Cellulose cement products, Part 2: Flat sheets*.

This Standard is identical with and is reproduced from ISO 8336:1993, *Fibre-cement flat sheets*.

The objective of this Standard is to provide users with the characteristic requirements and methods of test, control and acceptance conditions for cellulose-cement flat sheets.

This Standard is the second part in a series of cellulose-cement products Standards which comprises the following:

AS/NZS

2809 Cellulose-cement products

2908.1 Part 1: Corrugated sheets

2908.2 Part 2: Flat sheets (this Standard)

The objective of this revision is to adopt the International Standard as a Joint Australian/New Zealand Standard.

Users of this Standard are advised by Standards Australia/Standards New Zealand, under arrangement made with ISO and IEC as well as certain other Standards organizations, that the number of this Standard is not reproduced on each page; its identity is shown only on the cover, inside front cover and title page.

The terms 'normative' and 'informative' have been used in this Standard to define the application of the appendix to which they apply. A 'normative' appendix is an integral part of a Standard, whereas an 'informative' appendix is only for information and guidance.

For the purpose of this Standard, the ISO source text should be modified as follows:

- (a) The words 'this Joint Australian/New Zealand Standard' should replace the words 'this International Standard' wherever they appear.
- (b) Substitute a full point for a comma where it appears as a decimal marker.
- (c) On Page 3, Table 1, in the source text, the subtitles for Types A and B sheets should read 'Type A sheets (wet conditions)' and 'Type B sheets (equilibrium condition)', respectively.
- (d) On Page 3, Footnote 4, in the source text, add '(dry as user-defined)' to the end of the Footnote.

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## AUSTRALIAN/NEW ZEALAND STANDARD

**Fibre-cement flat sheets****1 Scope**

This International Standard specifies the characteristics and establishes methods of control and test as well as acceptance conditions for fibre-cement flat sheets.

It covers sheets intended for external applications such as cladding facades, curtain walls, soffits, lost casing, etc., and sheets intended for internal use such as partitions, floors, ceilings, etc., with a wide range of properties appropriate to the type of application. These sheets may have either a smooth or textured surface.

This International Standard does not apply to the following products:

- a) boards of Portland or equivalent cement reinforced with fibrous wood particles;
- b) non-combustible fibre-reinforced boards of calcium silicate or cement for insulation and fire protection;
- c) gypsum plasterboard;
- d) asbestos-cement flat sheets;
- e) asbestos-cement slates and siding shingles;
- f) fibre-cement slates and siding shingles.

**2 Normative references**

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication,

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1) National standards may specify the binder to be used.

2) For the purposes of this International Standard, fibres include:

- discrete elements randomly dispersed,
- continuous strands or tapes,
- nets and webs.

the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 390:1993, *Products in fibre-reinforced cement — Sampling and inspection*.

ISO 2602:1980, *Statistical interpretation of test results — Estimation of the mean — Confidence interval*.

**3 General composition**

Fibre-cement flat sheets consist essentially of an inorganic hydraulic binder<sup>1)</sup> or a calcium silicate binder formed by the chemical reaction of a siliceous material and a calcareous material reinforced by organic fibres and/or inorganic synthetic fibres.<sup>2)</sup>

Process aids, fillers and pigments which are compatible with fibre-reinforced cement may be added.

**4 Classification**

Flat sheets covered by this International Standard are divided into two types.

**4.1 Type A**

Type A sheets are intended for external applications where they may be subjected to the direct action of sun, rain and/or snow. They may be supplied coated



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