

Australian/New Zealand Standard™

Cellulose-cement products

Part 1: Corrugated sheets

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AS/NZS 2908.1:2000

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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
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Australian/New Zealand Standard™

Cellulose-cement products

Part 1: Corrugated sheets

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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 2908.1—1992, *Cellulose cement products, Part 1: Corrugated sheets*.

The objective of this Standard is to provide users with the characteristic requirements and methods of test for corrugated cellulose-cement sheets for use primarily as roofing and cladding.

The sheets specified in this Standard may be installed in accordance with AS/NZS 1562.2, *Design and installation of sheet roofing and wall cladding, Part 2: Fibre-reinforced cement*. So that the best use is made of corrugated cellulose-cement sheets for roofing and cladding, it is recommended that this series be read in conjunction with AS/NZS 1562.2.

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

AS/NZS

- 2908 Cellulose-cement products
- 2908.1 Part 1: Corrugated sheets (this Standard)
- 2908.2 Part 2: Flat sheets (identical with ISO 8336:1993)

The objectives of this revision are—

- (a) to develop it as a Joint Australian/New Zealand Standard; and
- (b) to update the Standard with the newly developed technology and information.

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.

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STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

Australian/New Zealand Standard
Cellulose-cement products

Part 1: Corrugated sheets

1 SCOPE

This Standard sets out requirements for corrugated cellulose-cement sheets for use primarily as roofing and cladding. It also applies to autoclaved sheets in which the cement is partially replaced by ground silica.

This Standard covers sheets that are finished with one of the following:

- (a) Their natural colour.
- (b) Colouring matter added to their composition.
- (c) Coloured or uncoloured adherent coatings on their surfaces.

This Standard does not apply to asbestos-fibre-reinforced sheets.

NOTE: Advisory information on alternative methods of determining compliance with this Standard is given in Appendix A.

2 REFERENCED DOCUMENTS

A list of documents referred to in this Standard is given in Appendix B.

3 CLASSIFICATION

Corrugated sheets covered by this Standard shall be divided into three classifications according to the depth of corrugation, as given in Table 1.

NOTE: It is recommended that the classification of a corrugated sheet material be specified in all appropriate technical literature.

TABLE 1
PROFILE DEPTH CLASSIFICATION

Profile class	Corrugated depth, mm	
	Less than	Not less than
1	50	45
2	60	50
3	75	60

4 COMPOSITION

Corrugated cellulose-cement sheets complying with this Standard shall consist primarily of an inorganic hydraulic binder, or a calcium silicate formed by a chemical reaction of a siliceous and calcareous material, reinforced by cellulose fibres to which other organic or synthetic fibres may be added. The addition of process aids, fillers and pigments, which are compatible with the cellulose-cement mixture, is acceptable.

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