

Australian/New Zealand Standard™

Gypsum linings—Application and finishing



AS/NZS 2589:2007

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee BD-011, Interior Board Lining. It was approved on behalf of the Council of Standards Australia on 7 December 2007 and on behalf of the Council of Standards New Zealand on 30 November 2007.

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Association of Wall and Ceiling Industries of New Zealand
Certification Interests
Federation of Wall and Ceiling Industries Australia and New Zealand
Housing Industry Association
Master Builders Australia
National Association of Steel-Framed Housing
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Originated as AS 3589—1983 and in part as AS CA20—1950.
Previous editions AS/NZS 2589.1:1997 and AS/NZS 2589.2:1997.
AS/NZS 2589.1:1997 and AS/NZS 2589.2:1997 jointly revised,
amalgamated and redesignated AS/NZS 2589:2007.

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee BD-011, Interior Board Lining, to supersede AS/NZS 2589.1:1997, *Gypsum linings in residential and light commercial construction—Application and finishing*, Part 1: *Gypsum plasterboard* and AS/NZS 2589.2:1997, Part 2: *Fibre-reinforced gypsum plaster*.

The objective of this Standard is to provide manufacturers, designers and users of gypsum linings with requirements for the application and finishing of such linings in residential and commercial construction applications. This Standard provides a reference for the building industry and specifiers, and a basic Standard for adoption in contracts.

This edition incorporates the following major changes to the previous editions:

- (a) The amalgamation of AS/NZS 2589.1:1997 and AS/NZS 2589.2:1997.
- (b) Inclusion of extensive design specification.
- (c) Inclusion of commercial construction.
- (d) Rationalization of the levels of finishes.
- (e) Reformatting to allow for ease of use.

A statement expressed in mandatory terms in a note to a table in the body of this Standard or in a 'normative' appendix is deemed to be a requirement of this Standard.

The terms 'normative' and 'informative' has 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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SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard sets out the requirements for the application and finishing of gypsum linings and related design considerations.

This Standard does not cover the following:

- (a) High density board linings greater than 800 kg/m³.
- (b) Fire-resisting systems.
- (c) Wet area gypsum lining systems.
- (d) Sound insulating systems.
- (e) Bracing systems.

The wall and ceiling fastening systems are limited to wind category N4, as specified in AS 4055.

1.2 APPLICATION

This Standard provides a choice of different levels of finish, which allows for flexibility of application. Unless otherwise specified, compliance with this Standard is achieved by a Level 4 finish for all gypsum linings except for those areas which are non-visible and generally non-habitable (i.e., non-walk-in cupboards, concealed storage areas and non-livable attics) where a Level 3 finish is acceptable.

This Standard is suitable for use with gypsum plasterboard in accordance with AS/NZS 2588, fibre-reinforced gypsum linings in accordance with Clause 2.3 and gypsum cornices in accordance with Clause 2.4.

1.3 NORMATIVE REFERENCES

The following referenced documents are indispensable for the application of this Standard:

NOTE: Documents referenced for guidance and informative purposes are listed in the Bibliography.

AS

1397	Steel sheet and strip—Hot-dipped zinc-coated or aluminium/zinc-coated
1684	Residential timber-framed construction
1684.1	Part 1: Design criteria
1684.2	Part 2: Non-cyclonic areas
1684.3	Part 3: Cyclonic areas
1684.4	Part 4: Simplified—Non-cyclonic areas
1720	Timber structures
1720.1	Part 1: Design methods
1720.2	Part 2: Timber properties