

Australian/New Zealand Standard™

Suspended ceilings— Design and installation



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NEW ZEALAND
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AS/NZS 2785:2000

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee BD-035, Ceiling Systems. It was approved on behalf of the Council of Standards Australia on 23 June 2000 and on behalf of the Council of Standards New Zealand on 21 November 2000. It was published on 11 December 2000.

The following interests are represented on Committee BD-035:

Australian Aluminium Council
Australian Industry Group
Ceiling Systems Contractors Association New Zealand
Federation of Wall and Ceiling Industries Australia and New Zealand
Fibreglass and Rockwool Insulation Manufacturers Association of Australia
Fire Protection Association Australia
Institution of Engineers Australia
Institution of Professional Engineers New Zealand
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee BD/35, Suspended Ceilings, to supersede AS 2785—1985.

The objective of this Standard is to provide the minimum specifications covering the manufacture and performance of suspended ceilings systems for use in residential, commercial and industrial applications.

This Standard is based on limit states philosophy and covers aspects of the design, performance requirements, installation, workmanship, maintenance and testing of suspended ceiling systems.

This edition incorporates the following major changes:

- (a) Joint Australian/New Zealand Standard.
- (b) Design is based on limit states format.
- (c) Requirements are performance based.
- (d) Earthquake requirements have been added.
- (e) Other than trafficable ceiling systems, all ceiling systems, including external ceiling systems, have been included.
- (f) Testing and verification methods have been added.

In its deliberations the committee has taken cognizance of the following documents:

ASTM C 635	Standard Specification for the Manufacture, Performance and Testing of Metal Suspension Systems for Acoustical Tile and Lay-in Panel Ceilings
ASTM C 636	Standard Practice for Installation of Metal Ceiling Suspension Systems for Acoustical Tile and Lay-in Panels
ASTM E 580	Standard Practice for Application of Ceiling Suspension Systems for Acoustical Tile and Lay-in Panels in Areas Requiring Seismic Restraint
ASTM E 1264	Standard Classification for Acoustical Ceiling Products
BS 8290	Suspended ceilings
Part 1	Part 1: Code of practice for design
Part 2	Part 2: Specification for performance of components and assemblies
Part 3	Part 3: Code of practice for installation and maintenance

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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