

Australian Standard<sup>®</sup>

**Ceramic tiles—Grouts and adhesives**

**Part 1: Terms, definitions and  
specifications for adhesives**



This Australian Standard® was prepared by Committee BD-044, Fixing of Ceramic, Natural and Reconstituted Stone Tiles. It was approved on behalf of the Council of Standards Australia on 12 February 2013.  
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The following are represented on Committee BD-044:

- Australian Ceramic Society
- Australian Chamber of Commerce and Industry
- Australian Industry Group
- Australian Stone Advisory Association
- Australian Tile Council
- Ceramic Tile Manufacturers Association of Australia
- CSIRO Manufacturing and Materials Technology
- Master Builders Australia
- Master Glazed Wall and Floor Tile Layers Association of SA
- Plastics and Chemicals Industries Association Incorporated
- Property Council of Australia
- Surface Coatings Association Australia
- TAFE NSW

Additional Interests:

- Mr Richard Bowman
- 

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Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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### **Part 1: Terms, definitions and specifications for adhesives**

Originated as AS 4992(Int)—2003.  
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## PREFACE

This Standard was prepared by the Standards Australia Committee BD-044, Fixing of Ceramic, Natural and Reconstituted Stone Tiles, to supersede AS 4992.1—2006, *Ceramic tiles—Grouts and adhesives*, Part 1: *Terms, definitions and specifications for adhesives*.

The objective of this Standard is to specify terms concerning the products, working methods and application properties for ceramic tile adhesives. It specifies values of performance requirements for all ceramic tile adhesives [cementitious (C), dispersion (D) and reaction resin (R) adhesives].

The objective of this revision is to adopt the current edition of ISO 13007-1.

This Standard is identical with, and has been reproduced from, ISO 13007-1:2010, *Ceramic tiles—Grouts and adhesives*, Part 1: *Terms, definitions and specifications for adhesives*.

As this Standard is reproduced from an International Standard, the following applies:

- (a) Its number appears on the cover and title page while the International Standard number appears only on the cover.
- (b) In the source text ‘this International Standard’ should read ‘this Australian Standard’.
- (c) A full point substitutes for a comma when referring to a decimal marker.

References to International Standards should be replaced by references to Australian Standards, as follows:

<i>Reference to International Standard</i>		<i>Australian Standard</i>	
ISO		AS ISO	
13006	Ceramic tiles—Definitions, classification, characteristics and marking	13006	Ceramic tiles—Definitions, classification, characteristics and marking
13007	Ceramic tiles—Grouts and adhesives	13007	Ceramic tiles—Grouts and adhesives
13007-2	Part 2: Test methods for adhesives	13007.2	Part 2: Test methods for adhesives

Only international references that have been adopted as Australian Standards have been listed.

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## AUSTRALIAN STANDARD

**Ceramic tiles—Grouts and adhesives****Part 1:  
Terms, definitions and specifications for adhesives****1 Scope**

This part of ISO 13007 defines terms concerning the products, working methods and application properties for ceramic tile adhesives. It specifies values of performance requirements for all ceramic tile adhesives [cementitious (C), dispersion (D) and reaction resin (R) adhesives].

This part of ISO 13007 is applicable to ceramic tile adhesives for internal and external tile installations on walls and floors.

It is not applicable to criteria or recommendations for the design and installation of ceramic tiles.

NOTE Ceramic tile adhesives can also be used for other types of tiles (natural and agglomerated stones, etc.), where these do not adversely affect the materials.

**2 Normative references**

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 13006, *Ceramic tiles — Definitions, classification, characteristics and marking*

ISO 13007-2:2010, *Ceramic tiles — Grouts and adhesives — Part 2: Test methods for adhesives*

**3 Terms and definitions**

For the purposes of this document, the terms and definitions given in ISO 13006 and the following apply.

**3.1****substrate****fixing surface**

surface on which the tile is installed or fixed

**3.2****wall and floor tiles**

tiles made out of ceramic tile or natural and agglomerated stones

**3.3****cementitious adhesive****C**

mixture of hydraulic binding agents, aggregates and organic additives, mixed with water or liquid admix immediately prior to use