

Australian Standard[®]

Ceramic tiles—Grouts and adhesives

**Part 3: Terms, definitions and
specifications for grouts**

STANDARDS
Australia



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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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PREFACE

This Standard was prepared by the Standards Australia Committee BD-044, Fixing of Ceramic, Natural and Reconstituted Stone Tiles to supersede AS 4992.3—2004, *Ceramic tiles: Products for installation*, Part 3: Grouts: *Definitions and specifications*.

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

The objective of this revision is to adopt the current edition of ISO 13007-3.

This Standard is identical with, and has been reproduced from, ISO 13007-3:2010, *Ceramic tiles—Grouts and adhesives*, Part 3: *Terms, definitions and specifications for grouts*.

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’.
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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
13007-1	Part 1: Terms, definitions and specifications for adhesives	13007.1	Part 1: Terms, definitions and specifications for adhesives
13007-4	Part 4: Test methods for grouts	13007.4	Part 4: Test methods for grouts

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

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INTRODUCTION

The characteristics of the construction products defined in this part of ISO 13007 have been developed to accommodate the stresses due to the structure for which they are intended. Some special characteristics take into account the type of substrate and the necessity for the grouts to resist degradation due to climatic conditions, etc. Many properties of grouts for tiling are mainly determined by the type of binder used.

Tile grouts are classified in different types depending on the chemical nature of their binders. The types have specific characteristics in terms of application properties and final performance. The relationship between the characteristics and the working conditions (dry or humid conditions, hot climate, fast-setting, etc.) is not given in this part of ISO 13007.

AUSTRALIAN STANDARD

Ceramic tiles—Grouts and adhesives**Part 3:
Terms, definitions and specifications for grouts****1 Scope**

This part of ISO 13007 defines terms concerning the products, working methods and application preferences for ceramic tile grouts. It specifies values of performance requirements for all ceramic tile grouts [cementitious (CG) and reaction resin (RG) grouts].

This part of ISO 13007 is applicable to ceramic tile grouts 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 grouts 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 13007-1:2010, *Ceramic tiles — Grouts and adhesives — Part 1: Terms, definitions and specifications for adhesives*

ISO 13007-4, *Ceramic tiles — Grouts and adhesives — Part 4: Test methods for grouts*