

Australian Standard™

Ceramic tiles: Products for installation

Part 4: Grouts: Test methods

This Australian Standard was prepared by Committee BD-044, Fixing of Ceramic Tiles. It was approved on behalf of the Council of Standards Australia on 8 October 2004.
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The following are represented on Committee BD-044:

Association of Consulting Engineers, Australia
Australian Chamber of Commerce and Industry
Australian Industry Group
Australian Stone and Terrazzo Association
Australian Tile Council
Ceramic Tile Manufacturers Association
CSIRO Manufacturing and Infrastructure Technology
Master Builders Australia
Plastics and Chemical Industries Association
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Part 4: Grouts: Test methods

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PREFACE

This Standard was prepared by the Standards Australia Committee BD-044, Fixing of Ceramic Tiles.

The objective of this Standard is to provide methods for determining characteristics of grout used in the installation of ceramic tiles.

This Standard is based on ISO DIS 13007-4:2004 *Ceramic tiles—Grouts and adhesives* Part 4: *Test methods for grouts*.

This Standard is Part 4 of a series on ceramic tiles, as follows:

AS

4992	Ceramic tiles—Products for installation
4992.1	Part 1: Adhesives—Definitions and specifications
4992.2	Part 2: Adhesives—Test methods
4992.3	Part 3: Grouts—Definitions and specifications
4992.4	Part 4: Grouts—Test methods (this Standard)

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STANDARDS AUSTRALIA

Australian Standard**Ceramic tiles: Products for installation****Part 4: Grouts: Test methods****1 SCOPE**

This Standard sets out methods for determining characteristics of grouts used in the installation of ceramic tiles, as follows:

- (a) Determination of flexural and compressive strength..... Clause 4.1.
- (b) Determination of water absorption Clause 4.2.
- (c) Determination of shrinkage..... Clause 4.3.
- (d) Determination of resistance to abrasion Clause 4.4.
- (e) Determination of transverse deformation Clause 4.5.
- (f) Determination of chemical resistance Clause 4.6.

2 NORMATIVE REFERENCES

The following documents are referred to in this Standard:

AS

- 4992 Ceramic tiles—Products for installation
- 4992.2 Part 2: Adhesives: Test methods

ISO

- 630 Structural steels—Plates, wide flats, bars, sections and profiles
- 1101 Technical drawings, geometrical tolerancing, tolerancing of form, orientation, location and runout, generalities, definitions, symbols, indications on drawings
- 1302 Geometrical products specification (GPS)—Indication of surface texture in technical product-documentation
- 4200 Plain end steel tubes, welded and seamless: general tables of dimensions and masses per unit length
- 6507 Metallic materials—Vickers hardness test
- 6507-1 Part 1: Test method
- 8486 Bonded abrasives—Determination of designation of grain size determination
- 8486-1 Part 1: Macrogrits F4 to F220
- 10545 Ceramic tiles
- 10545-6 Part 6: Products for installation