

Australian Standard[®]

Ceramic tiles

**Part 2: Guide to the selection of
a ceramic tiling system**

This Australian Standard was prepared by Committee BD/44, Fixing of Ceramic Tiles. It was approved on behalf of the Council of Standards Australia on 12 December 1991 and published on 16 April 1992.

The following interests are represented on Committee BD/44:

Adhesives and Sealants Manufacturers Association of Australia
Association of Consulting Engineers of Australia
Building Services Corporation
Building Workers Industrial Union
Ceramic Manufacturers Association of New South Wales
Ceramic Manufacturers Association of Victoria
Confederation of Australian Industry
CSIRO, Division of Building, Construction and Engineering
Department of Administrative Services—Australia, Construction Services
Department of Technical and Further Education, N.S.W.
Master Builders Construction and Housing Association of Australia
University of New South Wales
Victorian Association of Ceramic Tile Merchants

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a ceramic tiling system**

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PREFACE

This Standard was prepared by the Standards Australia Committee on Ceramic Tiling. It provides information for specifiers on the selection of a ceramic tiling system.

The fixing of ceramic tiles in normal situations is covered in AS 3958, *Ceramic tiles*, Part 1: *Guide to the installation of ceramic tiles*.

With the permission of the British Standards Institution, some of the content of this Standard has been derived from BS 5385—1989, *Wall and floor tiling*, Part 3: *Code of practice for the design and installation of ceramic floor tiles and mosaics*.

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STANDARDS AUSTRALIA

Australian Standard
Ceramic tiles

Part 2: Guide to the selection of a ceramic tiling system

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE This Standard deals with the various procedures involved in the selection of a ceramic tiling system.

The qualities of the materials that are to be used are set out in Section 2.

Section 3 sets out the information that should be considered when selecting a ceramic tiling system. Section 4 sets out the various steps that should be taken in drawing up the specification and Section 5 deals with specific situations such as chemical resistance and swimming pools.

NOTES:

- 1 Most normal residential situations are adequately covered in AS 3958.1.
- 2 Additional information on the fixing of ceramic tiles in specialist situations, such as swimming pools, or where chemical resistance is required, may be found in BS 5385, Part 4.

1.2 REFERENCED DOCUMENTS The following documents are referred to in this Standard.

AS

- 1226 Methods of sampling and testing clay building bricks
 - 1226.5 Part 5: Method for determining characteristic expansion
 - 1315 Portland cement (incorporating Amdt 1)
 - 1684 Timber Framing Code
 - 1720 SAA Timber structures
 - 1720.1 Part 1: Design methods
 - 2358 Adhesives—For fixing ceramic tiles
 - 2870 Residential slabs and footings
 - 2870.1 Part 1: Construction
 - 2870.1 Supp 1: Commentary
 - 3600 Concrete structures
 - 3700 SAA Masonry Code
 - 3740 Waterproofing of wet areas within residential buildings
 - 3958 Ceramic tiles
 - 3958.1 Part 1: Guide to the installation of ceramic tiles
 - 4100 Steel structures
- BS
- 1014 Specification for pigments for Portland cement and Portland cement products
 - 5385 Wall and floor tiling
 - Part 1: Code of practice for internal ceramic wall tiling and mosaics in normal conditions
 - Part 2: Code of practice for external ceramic wall tiling and mosaics
 - Part 3: Code of practice for the design and installation of ceramic floor tiles and mosaics
 - Part 4: Code of practice for ceramic tiling and mosaics in specific conditions
 - 6431 Ceramic floor and wall tiles

NOTE: Specific Parts of BS 6431 are considered in Appendix A
 - 8298 Code of practice for the design and installation of natural stone cladding and lining

1.3 DEFINITIONS For the purpose of this Standard the definitions given in AS 3958.1 apply (see also Clause 1.5).

1.4 MATERIALS All materials used should be in accordance with AS 3958.1.