

Australian Standard[®]

Guide to residential pavements

This Australian Standard was prepared by Committee BD/25, Residential Slabs and Footings. It was approved on behalf of the Council of Standards Australia on 29 July 1993 and published on 11 October 1993.

The following interests are represented on Committee BD/25:

Association of Consulting Engineers, Australia
Australian Geomechanics Society
Australian Institute of Building Surveyors
Australian Timber Research Institute
Australian Uniform Building Regulations Coordinating Council
Building Management Authority of West Australia
Cement and Concrete Association of Australia
Clay Brick and Paver Institute
Concrete Masonry Association of Australia
Construction Industry Advisory Council, Queensland
Department of Administrative Services—Australian Construction Services
Division of Building, Construction & Engineering, CSIRO
Foundation and Footings Society, Victoria
Housing Industry Association, Australia
Institution of Engineers, Australia
Master Builders Australia
Plastics Industry Association
South Australian Department of Housing & Construction
Steel Reinforcement Institute of Australia
University of South Australia

Additional interests participating in preparation of Standard:

Australian Asphalt Pavement Association

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PREFACE

Work on this Guide began under the direction of Standards Australia Committee on Concrete in Buildings, and was continued by the Committee on Residential Slabs and Footings.

The preparation of this Guide is in response to a widespread need for guidance in the design and construction of residential pavements.

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Australian Standard

Guide to residential pavements

1 SCOPE This Guide provides guidelines for the selection and construction of pavements associated with residential buildings consisting of single houses or multiple dwellings in medium density housing development. It does not apply to the design and construction of pavements in public roads or streets.

This Guide does not preclude the use of any of the following:

- (a) Methods and materials of pavement construction not referred to in this Guide.
- (b) Locally proved designs.
- (c) Pavements designed by a chartered professional engineer.

NOTE: The purpose of this Guide is to provide recommendations for pavements, normally associated with housing. Industrial pavements are not covered by this Guide. Roads and streets should comply with the requirements of the relevant authorities.

2 REFERENCED DOCUMENTS The following documents are referred to in this Guide:

AS

- | | |
|-----------|---|
| 1289 | Methods of testing soils for engineering purposes |
| 1289.E2.1 | Part E—Soil compaction and density tests—Determination of the dry density/moisture content relation of a soil using modified compaction—Standard method |
| 1302 | Steel reinforcing bars for concrete |
| 1304 | Welded wire reinforcing fabric for concrete |
| 2008 | Residual bitumen for pavements |
| 2150 | Asphalt (hot-mixed) |
| 2734 | Asphalt (hot-mixed) paving—Guide to good practice |
| 2758 | Aggregates and rock for engineering purposes |
| 2758.2 | Part 2: Aggregate for sprayed bituminous surfacing |
| 2870 | Residential slabs and footings |
| 2870.1 | Part 1: Construction |
| 2890 | Off-street parking |
| 2890.1 | Part 1: Car parking facilities |
| 3600 | Concrete structures |
| 3661 | Slip resistance of pedestrian surfaces |
| 3661.1 | Part 1: Requirements |

Bituminous surfacing—Sprayed work, *NAASRA Technical Report*, National Association of Australian State Road Authorities, January 1989

Paver Note 1, Specifying and laying clay pavers, Clay Brick and Paver Institute, February 1990



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