



## **Pavements**

### **Part 1: Residential**



This Australian Standard® was prepared by Committee BD-098, Pavements. It was approved on behalf of the Council of Standards Australia on 22 November 2016. This Standard was published on 13 December 2016.

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The following are represented on Committee BD-098:

- Australian Asphalt Pavement Association
  - Australian Stabilisation Industry Association
  - Bureau of Steel Manufacturers of Australia
  - Cement Concrete and Aggregates Australia
  - Concrete Institute of Australia
  - Concrete Masonry Association of Australia
  - Engineers Australia
  - Institute of Public Works Engineering Australasia
  - Master Builders Australia
  - Pavement Recycling and Stabilisation Association
  - Queensland Building and Construction Commission
  - Steel Reinforcement Institute of Australia
  - Think Brick Australia
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This Standard was issued in draft form for comment as DR2 AS 3727.1:2016.

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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# Australian Standard<sup>®</sup>

## Pavements

### Part 1: Residential

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## PREFACE

This Standard was prepared by the Standards Australia Committee, BD-098, Pavements, to supersede AS 3727—1993, *Guide to residential pavements*.

The objective of this Standard is to provide criteria to ensure that residential pavements are designed and constructed to provide an acceptable level of performance; whether constructed in concrete, segmental and flag pavements or asphalt and bituminous spray-seal pavements.

This Standard represents a significant divergence from the 1993 edition with the following major changes:

- (a) Written in mandatory (normative) terms.
- (b) Adjustment of the Standard designs to allow for low traffic density commercial vehicles with a gross vehicle mass less than 10 t.
- (c) Recognition that the Standard has application beyond residential construction to encompass footpaths, vehicle crossovers, cycleways, etc.
- (d) Identification of design and performance criteria which are common to pavement types.
- (e) Review and update of referenced documents and Bibliography.

The committee proposes the addition of further parts in this series will be forthcoming.

Statements expressed in mandatory terms in notes to Tables and Figures are deemed to be requirements of this Standard.

The terms 'normative' and 'informative' have been used in this Standard to define the application of the appendices to which they apply. A 'normative' appendix is an integral part of a Standard, whereas an 'informative' appendix is only for information and guidance.

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