



Slip resistance classification of new pedestrian surface materials



This Australian Standard® was prepared by Committee BD-094, Slip Resistance of Flooring Surfaces. It was approved on behalf of the Council of Standards Australia on 16 May 2013. This Standard was published on 28 June 2013.

The following are represented on Committee BD-094:

- Accord Australasia
 - Association of Consultants in Access Australia
 - Australian Building Codes Board
 - Australian Institute for Non-Destructive Testing
 - Australian Institute of Architects
 - Australian Resilient Floorcovering Association
 - Australian Stone Advisory Association
 - Australian Tile Council
 - Building Service Contractors Association of Australia
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 - CSIRO Manufacturing and Materials Technology
 - Engineers Australia
 - Housing Industry Association
 - Human Factors and Ergonomics Society of Australia
 - Insurance Council of Australia
 - Local Government and Shires Associations of New South Wales
 - Property Council of Australia
 - Safety Institute of Australia
 - Think Brick Australia
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This Standard was issued in draft form for comment as DR AS 4586.

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®

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AS/NZS 4586:1999 revised and redesignated AS 4586—2013.
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee BD-094, Slip Resistance of Flooring Surfaces, to supersede AS/NZS 4586:2004, *Slip resistance classification of new pedestrian surface materials*.

This Standard incorporates Amendment No. 1 (June 2017). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard.

The objective of this Standard is to provide users and specifiers of pedestrian surface materials (architects, engineers, ergonomists, facility managers, manufacturers and the like) with means for classifying such surfaces according to their pedestrian slip resistance for use in the selection of surfaces.

This revision incorporates an additional requirement for preparing rubber test sliders when testing smooth surfaces. Consequential changes to the nomenclature used for classifying surfaces have been included.

Appendix D will be subjected to revision in consideration of long-term availability of shoes.

This Standard provides a means of demonstrating compliance for the acceptance and rejection of new surfaces for nominated criteria.

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 appendix 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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