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AS/NZS 4586

Australian/New Zealand Standard™

Slip resistance classification of new pedestrian surface materials

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The following interests are represented on Committee BD-094:

ACROD
Australian Building Codes Board
Australian Chemical Specialties Manufacturers Association
Australian Institute for Non-destructive Testing
Australian Resilient Floor Covering Association
Australian Stone and Terrazzo Association
Australian Tile Council
Ceramic Tile Manufacturers Association
Clay Brick and Paver Institute
Concrete Masonry Association of Australia
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee BD/94, Slip Resistance of Flooring Surfaces, to supersede AS/NZS 3661.1:1993, *Slip resistance of pedestrian surfaces*, Part 1: *Requirements*.

This Standard incorporates Amendment No. 1 (March 2002), 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.

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.

The slip resistance classifications have been determined for unused surfaces using specific conditions, for instance special rubbers, barefoot testing, and so on. These classifications are based on an assessment of the contribution of a pedestrian surface to the risk of slipping and they will assist in the specification of a surface material suitable for most pedestrian applications. Factors such as usage, cleaning systems, applied coatings and patterns of wear may affect the characteristics of the surface after classification.

At the time of publication of this document, a Handbook providing discussion of the methods and classification used in this document as well as covering other issues related to slip resistance was being prepared. It is recommended that, when available, this handbook be read in conjunction with this Standard.

The term ‘normative’ has been used in this Standard to define the application of the appendix to which it applies. A ‘normative’ appendix is an integral part of a Standard.

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

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