AS ISO 13007.5:2020
ISO 13007-5:2015

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Australian STANDARD®

Ceramic tiles — Grouts and adhesives

Part 5: Requirements, test methods, evaluation of conformity, classification and designation of liquid-applied waterproofing membranes for use beneath ceramic tiling bonded with adhesives

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AS ISO 13007.5:2020

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Association of Consultants in Access Australia
Australian Ceramic Society
Australian Industry Group
Australian Institute of Waterproofing
Australian Stone Advisory Association
Australian Tile Council
CSIRO
Master Builders Australia
Surface Coatings Association Australia
Swimming Pool and Spa Association of Australia
TAFE NSW
Tiles and Tiling Industry Association Australia

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Preface

This Standard was prepared by the Standards Australia Committee BD-044, Fixing of Ceramic, Natural and Reconstituted Stone Tiles.

The objective of this Standard is to give terminology concerning the products, and to specify test methods (see Annex A) and values of performance requirements, for liquid-applied waterproofing products associated with tile adhesives. It specifies the evaluation of conformity and the classification and designation of liquid-applied waterproofing products beneath ceramic tiling.

This Standard is applicable to all liquid-applied waterproofing membranes — including polymer modified cementitious coatings, dispersions and reaction resin coatings — used beneath ceramic tiling for internal and external tile installations on walls and floors.

NOTE Liquid-applied waterproofing products can also be used beneath other types of tiles (natural and agglomerated stones, etc.), where an adverse reaction does not occur between the membrane and the alternative tile.

This Standard is identical with, and has been reproduced from, ISO 13007-5:2015, *Ceramic tiles — Grouts and adhesives — Part 5: Requirements, test methods, evaluation of conformity, classification and designation of liquid-applied waterproofing membranes for use beneath ceramic tiling bonded with adhesives*.

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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information

The committee responsible for this document is ISO/TC 189, *Ceramic tile*.

ISO 13007 consists of the following parts, under the general title *Ceramic tiles — Grouts and adhesives*:

— *Part 1: Terms, definitions and specifications for adhesives*

— *Part 2: Test methods for adhesives*

— *Part 3: Terms, definitions and specifications for grouts*

— *Part 4: Test methods for grouts*

— *Part 5: Requirements, test methods, evaluation of conformity, classification and designation of liquid-applied waterproofing products for use beneath ceramic tiling bonded with adhesives*

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Ceramic tiles — Grouts and adhesives

Part 5: Requirements, test methods, evaluation of conformity, classification and designation of liquid-applied waterproofing membranes for use beneath ceramic tiling bonded with adhesives

1 Scope

This part of ISO 13007 gives terminology concerning the products, and specifies test methods (see Annex A) and values of performance requirements, for liquid-applied waterproofing products associated with tile adhesives. It specifies the evaluation of conformity and the classification and designation of liquid-applied waterproofing products beneath ceramic tiling.

It is applicable to all liquid-applied waterproofing membranes — including polymer modified cementitious coatings, dispersions and reaction resin coatings — used beneath ceramic tiling for internal and external tile installations on walls and floors.

NOTE Liquid-applied waterproofing products can also be used beneath other types of tiles (natural and agglomerated stones, etc.), as long as an adverse reaction does not occur between the membrane and the alternative tile.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 13006, *Ceramic tiles — Definitions, classification, characteristics and marking*

ISO 13007-1, *Ceramic tiles — Grouts and adhesives — Part 1: Terms, definitions and specifications for adhesives*

ISO 13007-2, *Ceramic tiles — Grouts and adhesives — Part 2: Test methods for adhesives*

ISO 15605, *Adhesives — Sampling*

EN 196-1, *Methods of testing cement — Part 1: Determination of strength*

EN 197-1, *Cement — Part 1: Composition, specifications and conformity criteria for common cements*

EN 480-1:2006, *Admixture for concrete, mortar and grout — Test methods — Part 1: Reference concrete and mortar for testing*

EN 1008, *Mixing water for concrete — Specification for sampling, testing and assessing the suitability of water, including water recovered from processes in the concrete industry, as mixing water for concrete*

EN 1067, *Adhesives — Examination and preparation of samples for testing*

EN 12390-2, *Testing hardened concrete — Making and curing specimens for strength tests*

EN 12620, *Aggregates for concrete*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

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