INTERNATIONAL STANDARD

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Ceramic tiles — Grouts and adhesives —

Part 1: Terms, definitions and specifications for adhesives

Carreaux céramiques — Mortiers de joints et colles —

Partie 1: Termes, définitions et spécifications relatives aux colles

Reference number
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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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. 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 Tiles*.

This third edition cancels and replaces the first and second editions (ISO 13007-1:2004, ISO 13007-1:2010), which have been technically revised.

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*

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Ceramic tiles — Grouts and adhesives —

Part 1:
Terms, definitions and specifications for adhesives

1 Scope

This part of ISO 13007 applies to ceramic tile adhesives for internal and external tile installations on walls and floors.

This part of ISO 13007 gives the terminology, concerning the products, working methods, application properties, etc., for ceramic tile adhesives

This part of ISO 13007 specifies the values of performance requirements for all ceramic tile adhesives [cementitious (C), dispersion (D) and reaction resin (R) adhesives].

This part of ISO 13007 does not contain criteria or recommendations for the design and installation of ceramic tiles.

NOTE Ceramic tile adhesives can also be used for other types of tiles (natural and agglomerated stones, etc.), where these do not adversely affect the materials.

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

3 Terms and definitions

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

3.1
substrate
fixing surface
surface on which the tile is installed or fixed

3.2
wall and floor tiles
tiles made out of ceramic tile or natural and agglomerated stones

Note 1 to entry: ISO 13006 should be used for definitions, classification, characteristics and marking of ceramic tile.

3.3
cementitious adhesive (C)
mixture of hydraulic binding agents, aggregates, and organic additives, to be mixed with water or liquid admix just before use

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