INTERNATIONAL STANDARD

ISO 13007-3

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Ceramic tiles — Grouts and adhesives —

Part 3: Terms, definitions and specifications for grouts

Carreaux céramiques — Mortiers de joints et colles —

Partie 3: Termes, définitions et spécifications relatives aux mortiers de joints

Reference number
ISO 13007-3:2010(E)

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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 13007-3 was prepared by Technical Committee ISO/TC 189, *Ceramic tiles*.

This second edition cancels and replaces the first edition (ISO 13007-3:2004), which has 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*

Introduction

The characteristics of the construction products defined in this part of ISO 13007 have been developed to accommodate the stresses due to the structure for which they are intended. Some special characteristics take into account the type of substrate and the necessity for the grouts to resist degradation due to climatic conditions, etc. Many properties of grouts for tiling are mainly determined by the type of binder used.

Tile grouts are classified in different types depending on the chemical nature of their binders. The types have specific characteristics in terms of application properties and final performance. The relationship between the characteristics and the working conditions (dry or humid conditions, hot climate, fast-setting, etc.) is not given in this part of ISO 13007.

Ceramic tiles — Grouts and adhesives —

Part 3:
Terms, definitions and specifications for grouts

1 Scope

This part of ISO 13007 defines terms concerning the products, working methods and application properties for ceramic tile grouts. It specifies values of performance requirements for all ceramic tile grouts [cementitious (CG) and reaction resin (RG) grouts].

This part of ISO 13007 is applicable to ceramic tile grouts for internal and external tile installations on walls and floors.

It is not applicable to criteria or recommendations for the design and installation of ceramic tiles.

NOTE Ceramic tile grouts 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 referenced documents are indispensable for the application of this document. 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 13007-1:2010, *Ceramic tiles — Grouts and adhesives — Part 1: Terms, definitions and specifications for adhesives*

ISO 13007-4, *Ceramic tiles — Grouts and adhesives — Part 4: Test methods for grouts*