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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 41081-2021

Grouts specifications for ceramic tiles

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Standardization Administration**

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foreword

This document is in accordance with the provisions of GB/T 1:1-2020 "Guidelines for Standardization Work Part 1: Structure and Drafting Rules of Standardization Documents"

drafted:

This document is modified to adopt ISO 13007-3:2010 "Ceramic tile caulks and adhesives - Part 3: Caulk terms, definitions and techniques

Technical Requirements":

This document has structural changes compared to ISO 13007-3:2010: Adjusted the order of Chapters 4 and 5 to suit our country's

Standardize habits:

Compared with ISO 13007-3:2010, this document has the following technical differences:

--- Changed normative reference documents; deleted ISO 13007-1:2010 and ISO 13006 to adapt to the standardization work in my country

flow; added ISO 13007-2 (see 5:3); replaced 13007-4:2013 with national standard GB/T 35154-2017 (see Table 2,

Table 3) to meet the standardization work exchange in my country;

--- Change the term and definition "wall and floor tiles" to "ceramic tiles", and delete the note (see 3:1); delete 3:4 "cement-based caulk" and

Reference document ISO 13007-1:2010 in 3:5 "Reactive resin caulks" (see 3:4, 3:5):

The following editorial changes have been made to this document:

---The standard name is changed to "Technical Requirements for Ceramic Tile Grout":

Please note that some content of this document may be patented: The issuing agency of this document assumes no responsibility for identifying patents:

1 Scope

This document specifies the classification and code, technical requirements, marking and packaging of ceramic tile grout:

This document applies to caulks for indoor and outdoor wall and floor ceramic tiles:

This document does not contain technical requirements for designing and laying ceramic tiles:

2 Normative references

The contents of the following documents constitute essential provisions of this document through normative references in the text: Among them, dated citations

documents, only the version corresponding to that date applies to this document; for undated references, the latest edition (including all amendments) applies to this document:

GB/T 35154-2017 Test method for ceramic tile grout (ISO 13007-4:2013, MOD)

ISO 13007-2 Ceramic tile caulks and adhesives - Part 2: Test methods for adhesives (Ceramic tiles-Grout and

adhesives-Part 2: Test methods for adhesives)

3 Terms and Definitions

The following terms and definitions apply to this document:

3:1

ceramic tiles

Slab or block building ceramic products made from clay, feldspar and quartz for covering walls and floors:

3:2

brick surface grouting at tile surface

The process of filling joints between ceramic tiles, but does not include filling expansion joints:

3:3

ceramic tile caulk tile grout

Material suitable for filling joints between ceramic tiles:

3:4

cementitious grout; CG

A mixture of hydraulic cementitious materials, mineral aggregates, organic and inorganic admixtures, etc:

3:5

Reactive resin caulk reaction resin grout; RG

Composed of synthetic resins, aggregates, organic and inorganic admixtures, etc., and cured by chemical reaction, the product can be one-component or multi-component

mixture:

3:6

liquid admix

A proprietary liquid aqueous polymer dispersion for mixing with cement-based caulk at the construction site: