STN

Keramické obkladové prvky Časť 3: Stanovenie nasiakavosti vodou, zdanlivej pórovitosti, zdanlivej hustoty a objemovej hmotnosti (ISO 10545-3: 2018)

STN EN ISO 10545-3

72 5110

Ceramic tiles - Part 3: Determination of water absorption, apparent porosity, apparent relative density and bulk density (ISO 10545-3:2018)

Táto norma obsahuje anglickú verziu európskej normy. This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 07/18

Obsahuje: EN ISO 10545-3:2018, ISO 10545-3:2018

Oznámením tejto normy sa ruší STN EN ISO 10545-3 (72 5110) z februára 2001

EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

EN ISO 10545-3

March 2018

ICS 91.100.23

Supersedes EN ISO 10545-3:1997

English Version

Ceramic tiles - Part 3: Determination of water absorption, apparent porosity, apparent relative density and bulk density (ISO 10545-3:2018)

Carreaux et dalles céramiques - Partie 3: Détermination de l'absorption d'eau, de la porosité ouverte, de la densité relative apparente et de la masse volumique globale (ISO 10545-3:2018) Keramische Fliesen und Platten - Teil 3: Bestimmung von Wasseraufnahme, offener Porosität, scheinbarer relativer Dichte und Rohdichte (ISO 10545-3:2018)

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European foreword

This document (EN ISO 10545-3:2018) has been prepared by Technical Committee ISO/TC 189 "Ceramic tile" in collaboration with Technical Committee CEN/TC 67 "Ceramic tiles" the secretariat of which is held by UNI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2018, and conflicting national standards shall be withdrawn at the latest by September 2018.

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Endorsement notice

The text of ISO 10545-3:2018 has been approved by CEN as EN ISO 10545-3:2018 without any modification.

INTERNATIONAL STANDARD

ISO 10545-3

Second edition 2018-02

Ceramic tiles —

Part 3:

Determination of water absorption, apparent porosity, apparent relative density and bulk density

Carreaux et dalles céramiques —

Partie 3: Détermination de l'absorption d'eau, de la porosité ouverte, de la densité relative apparente et de la masse volumique globale





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Published in Switzerland

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Foreword

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For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 189, Ceramic tiles.

This second edition cancels and replaces the first edition (ISO 10545-3:1995 which has been technically revised. It also incorporates ISO 10545-3:1995/Cor.1:1997.

The main changes compared to the previous edition are as follows:

- The impregnation of the samples is now only done by vacuum.
- The boiling method for impregnation of the samples has been removed.
- Sampling guidelines according to the dimension of tiles are provided.

A list of all parts in the ISO 10545 series can be found on the ISO website.

Introduction

For ceramic tiles, water absorption is used to classify products. This document outlines the procedures for the measurement of water absorption and related properties using classical Archimedean techniques. Impregnation of the open porosity is achieved by a vacuum method only. Accommodations are provided for large or irregularly shaped ceramic tile.

Ceramic tiles —

Part 3:

Determination of water absorption, apparent porosity, apparent relative density and bulk density

1 Scope

This document specifies a method for determining water absorption, apparent porosity, apparent relative density and bulk density of ceramic tiles. This method is applicable to classification of tiles and product specifications.

2 Normative references

There are no normative references in this document.

koniec náhľadu – text ďalej pokračuje v platenej verzii STN