



# SLOVENSKI STANDARD SIST EN ISO 10545-6:2012

01-maj-2012

Nadomešča:

SIST EN ISO 10545-6:1998

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## Keramične ploščice - 6. del: Ugotavljanje odpornosti neloščenih ploščic proti globinski obrabi (ISO 10545-6:2010)

Ceramic tiles - Part 6: Determination of resistance to deep abrasion for unglazed tiles (ISO 10545-6:2010)

Keramische Fliesen und Platten - Teil 6: Bestimmung des Widerstands gegen Tiefenverschleiß für unglasierte Fliesen und Platten (ISO 10545-6:2010)

Carreaux et dalles céramiques - Partie 6: Détermination de la résistance à l'abrasion profonde pour les carreaux non émaillés (ISO 10545-6:2010)

Ta slovenski standard je istoveten z: EN ISO 10545-6:2012

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### ICS:

91.100.23      Keramične ploščice      Ceramic tiles

**SIST EN ISO 10545-6:2012**

**en,fr,de**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 10545-6**

February 2012

ICS 91.100.23

Supersedes EN ISO 10545-6:1997

English Version

## Ceramic tiles - Part 6: Determination of resistance to deep abrasion for unglazed tiles (ISO 10545-6:2010)

Carreaux et dalles céramiques - Partie 6: Détermination de la résistance à l'abrasion profonde pour les carreaux non émaillés (ISO 10545-6:2010)

Keramische Fliesen und Platten - Teil 6: Bestimmung des Widerstands gegen Tiefenverschleiß für unglasierte Fliesen und Platten (ISO 10545-6:2010)

This European Standard was approved by CEN on 29 January 2012.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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## Foreword

The text of ISO 10545-6:2010 has been prepared by Technical Committee ISO/TC 189 "Ceramic tile" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 10545-6:2012 by 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 August 2012, and conflicting national standards shall be withdrawn at the latest by August 2012.

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

This document supersedes EN ISO 10545-6:1997.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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Endorsement notice

The text of ISO 10545-6:2010 has been approved by CEN as a EN ISO 10545-6:2012 without any modification.

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# INTERNATIONAL STANDARD

# ISO 10545-6

Second edition  
2010-04-01

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## Ceramic tiles —

### Part 6: Determination of resistance to deep abrasion for unglazed tiles

*Carreaux et dalles céramiques —*

*Partie 6: Détermination de la résistance à l'abrasion profonde pour les  
carreaux non émaillés*

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## Foreword

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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 10545-6 was prepared by Technical Committee ISO/TC 189, *Ceramic tile*.

This second edition cancels and replaces the first edition (ISO 10545-6:1995), of which subclause 4.3 has been technically revised.

ISO 10545 consists of the following parts, under the general title *Ceramic tiles*:

- *Part 1: Sampling and basis for acceptance*
- *Part 2: Determination of dimensions and surface quality*
- *Part 3: Determination of water absorption, apparent porosity, apparent relative density and bulk density*
- *Part 4: Determination of modulus of rupture and breaking strength*
- *Part 5: Determination of impact resistance by measurement of coefficient of restitution*
- *Part 6: Determination of resistance to deep abrasion for unglazed tiles*
- *Part 7: Determination of resistance to surface abrasion for glazed tiles*
- *Part 8: Determination of linear thermal expansion*
- *Part 9: Determination of resistance to thermal shock*
- *Part 10: Determination of moisture expansion*
- *Part 11: Determination of crazing resistance for glazed tiles*
- *Part 12: Determination of frost resistance*
- *Part 13: Determination of chemical resistance*
- *Part 14: Determination of resistance to stains*