

<b>STN</b>	<b>Keramické obkladové prvky Časť 20: Stanovenie priehybu keramických dlaždíc na výpočet ich polomeru zakrivenia (ISO 10545-20: 2022)</b>	<b>STN EN ISO 10545-20</b>  72 5110
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Ceramic tiles - Part 20: Determination of deflection of ceramic tiles for calculating their radius of curvature (ISO 10545-20:2022)

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. 09/22

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EUROPEAN STANDARD

**EN ISO 10545-20**

NORME EUROPÉENNE

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English Version

**Ceramic tiles - Part 20: Determination of deflection of  
ceramic tiles for calculating their radius of curvature (ISO  
10545-20:2022)**

Carreaux et dalles céramiques - Partie 20:  
Détermination de la flèche des carreaux et dalles  
céramiques pour calculer leur rayon de courbure (ISO  
10545-20:2022)

Keramische Fliesen und Platten - Prüfverfahren - Teil  
20: Bestimmung der Durchbiegung von keramischen  
Fliesen und Platten zur Berechnung des  
Krümmungsradius (ISO 10545-20:2022)

This European Standard was approved by CEN on 5 June 2022.

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**EN ISO 10545-20:2022 (E)**

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## **European foreword**

This document (EN ISO 10545-20:2022) 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of an identical text or by endorsement, at the latest by January 2023, and conflicting national standards shall be withdrawn at the latest by January 2023.

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

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## **Endorsement notice**

The text of ISO 10545-20:2022 has been approved by CEN as EN ISO 10545-20:2022 without any modification.

# INTERNATIONAL STANDARD

# ISO 10545-20

First edition  
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## Ceramic tiles —

Part 20:

### **Determination of deflection of ceramic tiles for calculating their radius of curvature**

*Carreaux et dalles céramiques —*

*Partie 20: Détermination de la flèche des carreaux et dalles  
céramiques pour calculer leur rayon de courbure*



Reference number  
ISO 10545-20:2022(E)

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## ISO 10545-20:2022(E)

### 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 (see [www.iso.org/directives](http://www.iso.org/directives)).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of 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 [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 189, *Ceramic tile*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 67, *Ceramic tiles*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

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

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).



# Ceramic tiles —

## Part 20:

# Determination of deflection of ceramic tiles for calculating their radius of curvature

## 1 Scope

This document specifies a method for measuring the deflection of ceramic tiles for calculating their radius of curvature.

NOTE ISO 13006 provides property requirements for tiles and other useful information on these products.

## 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 10545-4:2019, *Ceramic tiles — Part 4: Determination of modulus of rupture and breaking strength*

ISO 48-2, *Rubber, vulcanized or thermoplastic — Determination of hardness — Part 2: Hardness between 10 IRHD and 100 IRHD*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**