
Keramične ploščice - 18. del: Določanje vrednosti odbojnosti svetlobe (LRV) (ISO 10545-18:2022)

Ceramic tiles - Part 18: Determination of Light Reflectance Value (LRV) (ISO 10545-18:2022)

Keramische Fliesen und Platten - Teil 18: Bestimmung des Lichtreflexionswertes (LRW) (ISO 10545-18:2022)

Carreaux et dalles céramiques - Partie 18: Détermination de la valeur de réflectance lumineuse (LRV) (ISO 10545-18:2022)

Ta slovenski standard je istoveten z: EN ISO 10545-18:2022

<https://standards.iteh.ai/catalog/standards/sist/4a4167-80d3-4964-96b3-cc20575d9e06/sist-en-iso-10545-18-2022>

ICS:

91.100.23 Keramične ploščice Ceramic tiles

SIST EN ISO 10545-18:2022**en,fr,de**

**iTeh STANDARD
PREVIEW
(standards.iteh.ai)**

SIST EN ISO 10545-18:2022

<https://standards.iteh.ai/catalog/standards/sist/fc4a4167-80d3-4964-96b3-cc20575d9e06/sist-en-iso-10545-18-2022>

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 10545-18

April 2022

ICS 91.100.23

English Version

Ceramic tiles - Part 18: Determination of Light Reflectance
Value (LRV) (ISO 10545-18:2022)

Carreaux et dalles céramiques - Partie 18:
Détermination de la valeur de réflectance lumineuse
(LRV) (ISO 10545-18:2022)

Keramische Fliesen und Platten - Teil 18: Bestimmung
des Lichtreflexionswertes (LRW) (ISO 10545-18:2022)

This European Standard was approved by CEN on 13 March 2022.

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.

CEN members are the national standards bodies of 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, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.

[SIST EN ISO 10545-18:2022](https://standards.iteh.ai/catalog/standards/sist/fc4a4167-80d3-4964-96b3-cc20575d9e06/sist-en-iso-10545-18-2022)

<https://standards.iteh.ai/catalog/standards/sist/fc4a4167-80d3-4964-96b3-cc20575d9e06/sist-en-iso-10545-18-2022>



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Contents	Page
European foreword.....	3

**iTeh STANDARD
PREVIEW
(standards.iteh.ai)**

SIST EN ISO 10545-18:2022

<https://standards.iteh.ai/catalog/standards/sist/fc4a4167-80d3-4964-96b3-cc20575d9e06/sist-en-iso-10545-18-2022>

European foreword

This document (EN ISO 10545-18:2022) 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 October 2022, and conflicting national standards shall be withdrawn at the latest by October 2022.

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.

Any feedback and questions on this document should be directed to the users' national standards body/national committee. A complete listing of these bodies can be found on the CEN website.

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, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

PREVIEW
(standards.iteh.ai)

Endorsement notice

The text of ISO 10545-18:2022 has been approved by CEN as EN ISO 10545-18:2022 without any modification.

SIST EN ISO 10545-18:2022

<https://standards.iteh.ai/catalog/standards/sist/fc4a4167-80d3-4964-96b3-cc20575d9e06/sist-en-iso-10545-18-2022>

**iTeh STANDARD
PREVIEW
(standards.iteh.ai)**

SIST EN ISO 10545-18:2022

<https://standards.iteh.ai/catalog/standards/sist/fc4a4167-80d3-4964-96b3-cc20575d9e06/sist-en-iso-10545-18-2022>

INTERNATIONAL STANDARD

ISO
10545-18

First edition
2022-03

Ceramic tiles —

Part 18:

Determination of light reflectance value (LRV)

Carreaux et dalles céramiques —

Partie 18: Détermination de la valeur de réflectance lumineuse (LRV)

(standards.iteh.ai)

SIST EN ISO 10545-18:2022

<https://standards.iteh.ai/catalog/standards/sist/fc4a4167-80d3-4964-96b3-cc20575d9e06/sist-en-iso-10545-18-2022>



Reference number
ISO 10545-18:2022(E)

© ISO 2022

iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN ISO 10545-18:2022

<https://standards.iteh.ai/catalog/standards/sist/fc4a4167-80d3-4964-96b3-cc20575d9e06/sist-en-iso-10545-18-2022>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2022

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

Contents

Page

Foreword.....	iv
1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions.....	1
4 Principle.....	2
5 Apparatus.....	2
5.1 Type of instrument.....	2
5.2 Instrument setup.....	2
5.3 Instrument calibration and standards.....	2
6 Preparation of test specimens.....	3
6.1 Solid coloured tiles.....	3
6.2 Multi-coloured, non-uniform shade, speckled or textured surface tile.....	3
7 Test.....	3
7.1 Measurement on solid coloured surfaces.....	3
7.2 Measurement on multi-coloured surfaces.....	3
7.3 Measurement on non-uniform shade, speckled or textured surface.....	4
8 Test report.....	4
Bibliography.....	6

iTeh STANDARD
PREVIEW
(standards.iteh.ai)

SIST EN ISO 10545-18:2022

<https://standards.iteh.ai/catalog/standards/sist/fc4a4167-80d3-4964-96b3-cc20575d9e06/sist-en-iso-10545-18-2022>

ISO 10545-18:2022(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).

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).

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.

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.