

SLOVENSKI STANDARD SIST EN ISO 23999:2018

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Nadomešča:

SIST EN ISO 23999:2012

Netekstilne talne obloge - Ugotavljanje dimenzijske stabilnosti in gubanja po izpostavitvi toploti (ISO 23999:2018)

Resilient floor coverings - Determination of dimensional stability and curling after exposure to heat (ISO 23999:2018)

Elastische Bodenbeläge - Bestimmung der Maßänderung und Schüsselung nach Wärmeeinwirkung (ISO 23999:2018) (Standards.iteh.ai)

Revêtements de sol résilients - Détermination de la stabilité dimensionnelle et de l'incurvation après exposition à la chaleur (ISO 23999:2018) lec-4c9b-9de7-5e214667d212/sist-en-iso-23999-2018

Ta slovenski standard je istoveten z: EN ISO 23999:2018

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97.150 Talne obloge Floor coverings

SIST EN ISO 23999:2018 en,fr,de

SIST EN ISO 23999:2018

iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN ISO 23999:2018

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EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM **EN ISO 23999**

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English Version

Resilient floor coverings - Determination of dimensional stability and curling after exposure to heat (ISO 23999:2018)

Revêtements de sol résilients - Détermination de la stabilité dimensionnelle et de l'incurvation après exposition à la chaleur (ISO 23999:2018)

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This European Standard was approved by CEN on 26 August 2018.

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

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EN ISO 23999:2018 (E)

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EN ISO 23999:2018 (E)

European foreword

This document (EN ISO 23999:2018) has been prepared by Technical Committee ISO/TC 219 "Floor coverings" in collaboration with Technical Committee CEN/TC 134 "Resilient, textile and laminate floor coverings" the secretariat of which is held by NBN.

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of an identical text or by endorsement, at the latest by February 2019, and conflicting national standards shall be withdrawn at the latest by February 2019.

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.

This document supersedes EN ISO 23999:2012.

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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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The text of ISO 23999:2018 has been approved by CEN as EN ISO 23999:2018 without any modification.

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INTERNATIONAL STANDARD

ISO 23999

Second edition 2018-07

Resilient floor coverings — Determination of dimensional stability and curling after exposure to heat

Revêtements de sol résilients — Détermination de la stabilité dimensionnelle et de l'incurvation après exposition à la chaleur

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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 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. (standards.iteh.ai)

This document was prepared by Technical Committee ISO/TC 219, Floor coverings.

This second edition cancels and replaces the first edition (ISO 23999:2008); which has been technically revised.

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

- cross-references within the document have been updated;
- minor editorial changes have been made;
- the scope has been broadened to allow testing of planks;
- the possibility of additional testing temperatures has been introduced;
- the specimen dimensions have been specified;
- an appendix has been added to allow for dimensional changes immediately after exposure to specified heated exposure conditions.

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.

Resilient floor coverings — Determination of dimensional stability and curling after exposure to heat

1 Scope

This document specifies a method for determining dimensional stability and curling of resilient floor coverings, in the form of sheets, tile or planks after exposure to heat.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at https://www.iso.org/obp
- IEC Electropedia: available at http://www.electropedia.org/
 (standards.iteh.ai)

3.1

dimensional stability

ability of a resilient floor covering to retain at original dimensions after exposure to heat, under specified conditions

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3.2

curling

vertical deformation appearing on the specimen after exposure to a heat treatment, under specified conditions

3.3

domed material

area of specimen that does not lie flat against support plate when centred

4 Principle

4.1 Dimensional stability

The relative change in distance between marks or a specific location on a test specimen is measured before and after exposure to a heat treatment, under specified conditions. In the case of tiles and planks, measurements may be made using a block and dial gauge assembly and marking of the test specimen is not necessarily required.

4.2 Curling

The vertical deformations are measured in the test specimen after the specified heat treatment.

Test specimens are placed in an oven at an elevated temperature, after which curling and dimensional stability are determined. In the case of domed material or where material exhibits negative curling, turn the test specimen over to measure inverted or with the back of the sample facing up. Measure curling and mark appropriately as negative curling.