



SLOVENSKI STANDARD SIST EN ISO 24342:2019

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SIST EN 994:2012

SIST EN ISO 24342:2012

SIST EN ISO 24342:2012/A1:2013

Netekstilne in tekstilne talne obloge - Ugotavljanje stranske dolžine, ravnosti robov in pravokotnosti plošč (ISO 24342:2018)

Resilient and textile floor-coverings - Determination of side length, edge straightness and squareness of tiles (ISO 24342:2018)

(standards.iteh.ai)

Elastische und textile Bodenbeläge - Bestimmung der Kantenlänge, Rechtwinkligkeit und Geradheit von Platten (ISO 24342:2018)

<https://standards.iteh.ai/catalog/standards/sist/b6922708-65d0-4838-8c4d-7e7cce9e4531/sist-en-iso-24342-2019>

Revêtements de sol résilients ou textiles - Détermination de la longueur des bords, de la rectitude des arêtes et de l'équerrage des dalles (ISO 24342:2018)

Ta slovenski standard je istoveten z: EN ISO 24342:2018

ICS:

97.150

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Floor coverings

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EUROPEAN STANDARD

EN ISO 24342

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2018

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Supersedes EN 994:2012, EN ISO 24342:2012

English Version

Resilient and textile floor-coverings - Determination of side length, edge straightness and squareness of tiles (ISO 24342:2018)

Revêtements de sol résilients ou textiles -
Détermination de la longueur des bords, de la rectitude
des arêtes et de l'équerrage des dalles (ISO
24342:2018)

Elastische und textile Bodenbeläge - Bestimmung der
Kantenlänge, Rechtwinkligkeit und Geradheit von
Platten (ISO 24342:2018)

This European Standard was approved by CEN on 4 November 2018.

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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COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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

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European foreword

This document (EN ISO 24342:2018) 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 June 2019, and conflicting national standards shall be withdrawn at the latest by June 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 994:2012 and EN ISO 24342:2012.

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The text of ISO 24342:2018 has been approved by CEN as EN ISO 24342:2018 without any modification.

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INTERNATIONAL
STANDARD

ISO
24342

Third edition
2018-11

**Resilient and textile floor-coverings —
Determination of side length, edge
straightness and squareness of tiles**

*Revêtements de sol résilients ou textiles — Détermination de la
longueur des bords, de la rectitude des arêtes et de l'équerrage des
dalles*

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8c4d-7e7cce9e4531/sist-en-iso-24342-2019](https://standards.iteh.ai/catalog/standards/sist/b6922708-65d0-4838-8c4d-7e7cce9e4531/sist-en-iso-24342-2019)



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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 third edition cancels and replaces the second edition (ISO 24342:2007), which has been technically revised. The main changes compared to the previous edition are as follows:

- The Scope has been updated by including planks.
- [Clause 5](#), Apparatus, has been restructured according to the current ISO drafting rules.
- [5.1](#), Reference plate: tolerance for the angle, has been adjusted to $\pm 0,000\ 18$ rad ($0,01^\circ$), in analogy to [5.3](#) and [5.5](#).
- [Clause 9](#), Calculation and expression of the results, has been updated by including measurement of the average lengths and by specifying the precision of reporting for squareness and straightness.
- [Clause 10](#), Test report, has been updated according to modifications done in [clause 9](#).

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 and textile floor-coverings — Determination of side length, edge straightness and squareness of tiles

1 Scope

This document describes methods for determining side lengths, straightness of edges and squareness of resilient or textile floor tiles and planks.

The side lengths, straightness and squareness of resilient or textile floor tiles and planks are important considerations because installed flooring will have an objectionable appearance if these performance criteria are not followed. This can cause the installed tiles/planks to line up unevenly, producing unsightly seams and corners that do not match.

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/>

3.1

squareness

measurement of the amount each corner of the tile/plank deviates from 90°, as depicted in [Figure 1](#)

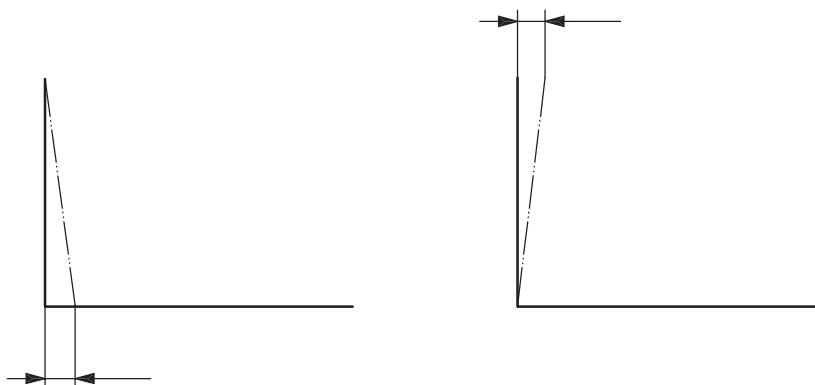


Figure 1 — Definition of squareness

3.2

straightness

property of an edge to be straight, unbent, as depicted in [Figure 2](#)