

Resilient and textile floor-covering - Determination of side length, edge straightness and squareness of tiles and planks (ISO 24342:2024)

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>See Eesti standard EVS-EN ISO 24342:2024 sisaldab Euroopa standardi EN ISO 24342:2024 ingliskeelset teksti.</p> <p>Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 17.07.2024.</p> <p>Standard on kättesaadav Eesti Standardimis- ja Akrediteerimiskeskusest.</p>	<p>This Estonian standard EVS-EN ISO 24342:2024 consists of the English text of the European standard EN ISO 24342:2024.</p> <p>This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.</p> <p>Date of Availability of the European standard is 17.07.2024.</p> <p>The standard is available from the Estonian Centre for Standardisation and Accreditation.</p>
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ICS 97.150

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EUROPEAN STANDARD

EN ISO 24342

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

Resilient and textile floor-covering - Determination of side length, edge straightness and squareness of tiles and planks (ISO 24342:2024)

Revêtements de sol résilients ou textiles -
Détermination de la longueur des bords, de la rectitude
des arêtes et de l'équerrage des dalles et des lames (ISO
24342:2024)

Elastische und textile Bodenbeläge - Bestimmung der
Kantenlänge, Rechtwinkligkeit und Geradheit von
Platten und Dielen (ISO 24342:2024)

This European Standard was approved by CEN on 28 April 2024.

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

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

European foreword

This document (EN ISO 24342:2024) has been prepared by Technical Committee ISO/TC 219 "Floor coverings" in collaboration with Technical Committee CEN/TC 134 "Resilient, textile, laminate and modular mechanical locked 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 January 2025, and conflicting national standards shall be withdrawn at the latest by January 2025.

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 24342:2018.

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, Türkiye and the United Kingdom.

Endorsement notice

The text of ISO 24342:2024 has been approved by CEN as EN ISO 24342:2024 without any modification.

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Foreword

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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 document 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).

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This document was prepared by Technical Committee ISO/TC 219, *Floor coverings*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 134, *Resilient and textile floor coverings*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This fourth edition cancels and replaces the third edition (ISO 24342:2018), which has been technically revised.

The main changes are as follows:

- procedures have been modified to allow for differences between planks and tiles. Clauses 3, 4, 5, 8 and 9 have therefore been updated;
- uncertainty of measurement of the records defined by dial gauges method has been changed from 0,02 mm into 0,01 mm.

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

1 Scope

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

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 terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org/>

3.1

squareness

measurement of the amount the corner of the tile/plank deviates from 90°

Note 1 to entry: See [Figure 1](#).

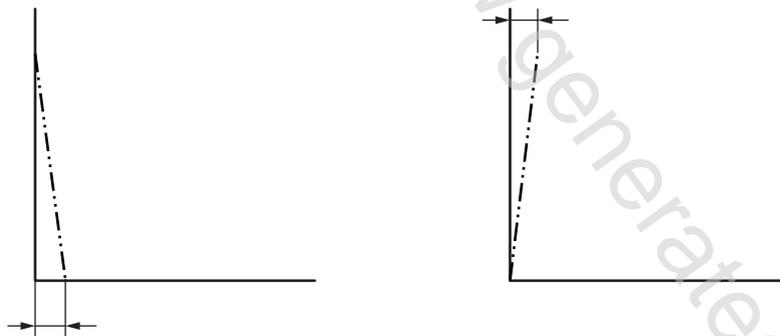


Figure 1 — Definition of squareness

3.2

straightness

property of an edge to be straight, unbent

Note 1 to entry: Some examples are shown in [Figure 2](#).