

Resilient floor coverings - Heterogeneous poly(vinyl chloride) flooring on foam - Specification (ISO 11638:2020, including corrected version 2021-09)

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN ISO 11638:2022 sisaldab Euroopa standardi EN ISO 11638:2022 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 11638:2022 consists of the English text of the European standard EN ISO 11638:2022.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 20.07.2022.	Date of Availability of the European standard is 20.07.2022.
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English Version

Resilient floor coverings - Heterogeneous poly(vinyl chloride) flooring on foam - Specification (ISO 11638:2020, including corrected version 2021-09)

Revêtements de sol résilients - Revêtements de sol hétérogènes sur mousse à base de poly(chlorure de vinyle) - Spécification (ISO 11638:2020, y compris version corrigée 2021-09)

Elastische Bodenbeläge - Heterogene Polyvinylchlorid-Bodenbeläge mit Schaumstoff - Spezifikation (ISO 11638:2020, korrigierte Fassung 2021-09)

This European Standard was approved by CEN on 17 July 2022.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

The text of ISO 11638:2020 has been prepared by Technical Committee ISO/TC 219 "Floor coverings" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 11638:2022 by 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of an identical text or by endorsement, at the latest by January 2023, and conflicting national standards shall be withdrawn at the latest by January 2023.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.

This document supersedes EN 651:2011.

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

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Endorsement notice

The text of ISO 11638:2020 has been approved by CEN as EN ISO 11638:2022 without any modification.

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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).

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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 219, *Floor coverings*.

This second edition cancels and replaces the first edition (ISO 11638:2012), which has been technically revised.

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

- References to ISO 16906 and ISO 24342 have been added to [Clause 2](#);
- in [Table 2](#), a column for units has been added and requirements linked to permitted deviation for tile/plank length and diameter of mandrel for flexibility have been amended;
- in [Table 3](#), new requirements for seam strength have been added.

This corrected version of ISO 11638:2020 incorporates the following corrections:

- in [Table 3](#), in the column "Indentation measured after 15 s of load application (walking comfort)", the symbol $\leq$ has been changed to $\geq$.

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Resilient floor coverings — Heterogeneous poly(vinyl chloride) flooring on foam — Specification

1 Scope

This document specifies the characteristics of heterogeneous poly(vinyl chloride) flooring on foam, based on poly(vinyl chloride), and supplied in roll form or tile and plank. Such products can contain a transparent, non PVC factory finish.

To encourage the consumer to make an informed choice, this document includes a classification system, based on intensity of use, which shows where these floor coverings can be expected to give satisfactory service.

It also specifies requirements for marking.

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 105-B02, *Textiles — Tests for colour fastness — Part B02: Colour fastness to artificial light: Xenon arc fading lamp test*

ISO 4918, *Resilient, textile and laminate floor coverings — Castor chair test*

ISO 10874, *Resilient, textile and laminate floor coverings — Classification*

ISO 16581, *Resilient and laminate floor coverings — Determination of the effect of simulated movement of a furniture leg*

ISO 16906, *Resilient floor coverings — Determination of seam strength*

ISO 23997, *Resilient floor coverings — Determination of mass per unit area*

ISO 23999, *Resilient floor coverings — Determination of dimensional stability and curling after exposure to heat*

ISO 24340, *Resilient floor coverings — Determination of thickness of layers*

ISO 24341, *Resilient and textile floor coverings — Determination of length, width and straightness of sheet*

ISO 24343-1, *Resilient and laminate floor coverings — Determination of indentation and residual indentation — Part 1: Residual indentation*

ISO 24342, *Resilient and textile floor-coverings — Determination of side length, edge straightness and squareness of tiles*

ISO 24344:2008, *Resilient floor coverings — Determination of flexibility and deflection*

ISO 24345, *Resilient floor coverings — Determination of peel resistance*

ISO 24346, *Resilient floor coverings — Determination of overall thickness*

ASTM F1515, *Standard Test Method for Measuring Light Stability of Resilient Flooring by Color Change*