

Resilient floor coverings - Heterogeneous poly(vinyl chloride) floor coverings - Specification (ISO 10582:2010)

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN ISO 10582:2012 sisaldab Euroopa standardi EN ISO 10582:2012 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 10582:2012 consists of the English text of the European standard EN ISO 10582:2012.
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English Version

Resilient floor coverings - Heterogeneous poly(vinyl chloride)
floor coverings - Specification (ISO 10582:2010)

Revêtements de sol résilients - Revêtements de sol
hétérogènes en poly(chlorure de vinyle) - Spécifications
(ISO 10582:2010)

Elastische Bodenbeläge - Heterogene Polyvinylchlorid-
Bodenbeläge - Spezifikation (ISO 10582:2010)

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Foreword

The text of ISO 10582:2010 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 10582:2012 by Technical Committee CEN/TC 134 “Resilient, textile and laminate floor coverings” the secretariat of which is held by BSI.

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of an identical text or by endorsement, at the latest by August 2012, and conflicting national standards shall be withdrawn at the latest by August 2012.

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Endorsement notice

The text of ISO 10582:2010 has been approved by CEN as a EN ISO 10582:2012 without any modification.

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Resilient floor coverings — Heterogeneous poly(vinyl chloride) floor coverings — Specification

1 Scope

This International Standard specifies the characteristics of non-cushioned, heterogeneous floor coverings, based on poly(vinyl chloride) (PVC), supplied in either tile or roll form. Products may contain a transparent, non-PVC factory finish.

To encourage the consumer to make an informed choice, this International Standard includes a classification system (see ISO 10874) based on the intensity of use, which shows where these floor coverings give satisfactory service. It also specifies requirements for marking.

2 Normative references

The following referenced documents are indispensable for the application 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-B02:1994, *Textiles — Tests for colour fastness — Part B02: Colour fastness to artificial light: Xenon arc fading lamp test*

ISO 105-B02:1994, *Textiles — Tests for colour fastness — Part B02: Colour fastness to artificial light: Xenon arc fading lamp test*. Amendment 1:1998

ISO/TR 4918, *Textile floor coverings — Determination of wear — Castor chair test*

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

ISO 23996, *Resilient floor coverings — Determination of density*

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

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

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

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

ASTM F1515, *Standard test method for measuring light stability of resilient flooring by color change*

EN 684, *Resilient floor coverings — Determination of seam strength*

3 Terms and definitions

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

3.1 heterogeneous floor covering
floor covering consisting of a wear layer and other layer(s) which differ in composition and/or design and can contain a reinforcement

3.2 poly(vinyl chloride) floor covering
floor covering with surface layer(s) which are produced using poly(vinyl chloride) as the binder

3.3 wear layer
layer of the floor covering directly exposed to wear

3.4 factory finish
transparent coating applied during the manufacture, usually not thicker than 0,03 mm

3.5 binder content
that portion of the flooring composition, consisting of poly(vinyl chloride) (PVC) resin, plasticizers and stabilizers

NOTE Binder content is expressed as a percentage mass fraction of the total composition.

4 Requirements

4.1 Identification requirements

Products described in this International Standard shall be identified by wear-layer binder content by mass as shown in Table 1.

Table 1 — Identification requirements

Type	Wear-layer binder content
I	Minimum 80 %
II	Minimum 30 %

4.2 General requirements

Floor coverings described in this International Standard shall conform to the appropriate general requirements specified in Table 2, when tested in accordance with the methods given therein.