

Resilient floor coverings - Quartz vinyl tiles -  
Specification

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

See Eesti standard EVS-EN 17396:2020 sisaldab Euroopa standardi EN 17396:2020 ingliskeelset teksti.	This Estonian standard EVS-EN 17396:2020 consists of the English text of the European standard EN 17396:2020.
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.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 03.06.2020.	Date of Availability of the European standard is 03.06.2020.
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English Version

## Resilient floor coverings - Quartz vinyl tiles - Specification

Revêtements de sol résilients - Dalles en quartz-vinyle  
- Spécifications

Elastische Bodenbeläge - Quartzvinylplatten -  
Spezifikation

This European Standard was approved by CEN on 3 May 2020.

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## European foreword

This document (EN 17396:2020) has been prepared by Technical Committee CEN/TC 134 “Resilient, textile and laminate floor covering”, 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of an identical text or by endorsement, at the latest by December 2020, and conflicting national standards shall be withdrawn at the latest by December 2020.

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.

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## 1 Scope

This document specifies the characteristics of homogeneous quartz vinyl tiles based on polyvinyl chloride binder, quartz sand as a sole or partial filler, with or without a transparent, non-PVC factory finish and supplied in tile form.

To encourage the consumer to make an informed choice, this document includes a classification system (see EN ISO 10874) based on intensity of use, which shows where these floor coverings will 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.

EN ISO 105-B02:2014, *Textiles - Tests for colour fastness - Part B02: Colour fastness to artificial light: Xenon arc fading lamp test (ISO 105-B02:2014)*

EN ISO 10874, *Resilient, textile and laminate floor coverings - Classification (ISO 10874)*

EN ISO 23997, *Resilient floor coverings - Determination of mass per unit area (ISO 23997)*

EN ISO 23999, *Resilient floor coverings - Determination of dimensional stability and curling after exposure to heat (ISO 23999)*

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

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

EN ISO 24344:2012, *Resilient floor coverings - Determination of flexibility and deflection (ISO 24344:2008)*

EN ISO 24346, *Resilient floor coverings - Determination of overall thickness (ISO 24346)*

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

## 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:

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

### 3.1

#### **polyvinyl chloride floor covering**

resilient floor covering produced using poly(vinyl chloride) as a binder

Note 1 to entry: The binder shall consist of one or more resins of poly(vinyl chloride) and/or copolymers of vinyl chloride compounded with suitable plasticizers and stabilizers. Other suitable polymeric resins may be incorporated as part of the binder.