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Resilient floor coverings - Cork floor tiles - Specification

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 08/23

Obsahuje: EN 12104:2023

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EUROPEAN STANDARD

**EN 12104**

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2023

ICS 79.100; 97.150

Supersedes EN 12104:2018

English Version

**Resilient floor coverings - Cork floor tiles - Specification**Revêtements de sol résilients - Dalles en liège -  
SpécificationElastische Bodenbeläge - Presskorkplatten -  
Spezifikation

This European Standard was approved by CEN on 28 February 2023.

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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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

**EN 12104:2023 (E)**

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## European foreword

This document (EN 12104:2023) has been prepared 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of an identical text or by endorsement, at the latest by November 2023, and conflicting national standards shall be withdrawn at the latest by November 2023.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 12104:2018.

The main changes compared to the previous edition are listed below:

- Scope review.
- Normative references.
- General requirements:
  - 1) Dimensional stability requirement and test method.
- Classification requirements:
  - 1) Residual indentation requirements review based on apparent density value.
  - 2) Effect of Castor chair requirements review, surface type notes and test method update.
  - 3) Wear resistance eliminate option EN 13329:2016+A1:2017, Annex E, and requirements review for varnish surfaces.
- Optional Properties review.
- Bibliography update.

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.

According to the CEN-CENELEC Internal Regulations, the national standards organisations 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.

**EN 12104:2023 (E)****1 Scope**

This document specifies the requirements for cork floor coverings made from agglomerated composition cork, with or without a decorative surface layer, with or without applied colours, supplied in tile form which are designed to be used with a factory finish and/or an *in situ* finish.

The cork floor decorative surface layer can be made of cork or other bio-based decorative materials, e.g. wood or bamboo veneers, linoleum, leather or natural fibres.

This document includes a classification system based on intensity of use which shows where cork floor tiles with a factory finish can give satisfactory service (see EN ISO 10874). It also specifies requirements for marking, labelling and packing.

**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 12466, *Resilient floor coverings - Vocabulary*

EN 15468:2016+A1:2021, *Laminate floor coverings - Elements with directly applied printing and resin surface layer - Specifications, requirements and test methods*

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

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

EN ISO 16581, *Resilient and laminate floor coverings - Determination of the effect of simulated movement of a furniture leg (ISO 16581)*

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

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**