



SLOVENSKI STANDARD

oSIST prEN 18135:2024

01-december-2024

Netekstilne, tekstilne, laminirane in modularne mehansko spojene talne obloge - Krožno gospodarstvo - Potni list izdelka za talne obloge in podloge

Resilient, textile, laminate and modular mechanical locked floor coverings - Circular Economy - Floor coverings and underlays passport

Elastische, textile, Laminat- und modulare mechanisch verriegelnde Bodenbeläge - Kreislaufwirtschaft - Pass für Bodenbelag und Verlegeunterlagen

Revêtements de sol résilients, textiles, stratifiés et modulaires à clipsage mécanique - Économie circulaire - Passeport pour les revêtements de sol et les sous-couches

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ICS:

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97.150	Talne obloge	Floor coverings

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ICS

English Version

Resilient, textile, laminate and modular mechanical locked floor coverings - Circular Economy - Floor coverings and underlays passport

Elastische, textile, Laminat- und modulare mechanisch
verriegelnde Bodenbeläge ζ Kreislaufwirtschaft - Pass
für Bodenbelag und Unterlagen

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 134.

If this draft becomes a European Standard, 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.

This draft European Standard was established by CEN 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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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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

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European foreword

This document (prEN 18135:2024) 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 document is currently submitted to the CEN Enquiry.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association and supports essential requirements of EU Directive(s).

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prEN 18135:2024 (E)**Introduction**

This product passport is intended to provide stakeholders with standardized information about a product throughout its life cycle.

The passport defines what standard information to provide about products in transactions between stakeholders throughout the chain. It helps to facilitate a circular economy for floor coverings by providing users with information on a product's constituents and structure and on how to treat the product at end of life. The document also describes a system for unified coding of products to enable simple identification.

Who does the standard address:

- Manufacturers
- End users
- Retailers
- Customers
- Contractors
- Installers
- Facility manager
- Recyclers
- Designers
- Developers
- Demolition professionals
- Disassemblers – flooring removers

This document is linked to the following Circular Economy standardization documents for floor coverings:

- EN 17861: Resilient, textile, laminate and modular mechanical locked floor coverings — Circular Economy — Terms and definitions
- CEN TS XXXX: Resilient, textile, laminate and modular mechanical locked floorcoverings — Circular Economy and Sustainability — Recommendations/Guidelines for Design

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prEN 18135:2024 (E)**1 Scope**

This document specifies the minimum and optional content of the product passport and the unified code (definition of symbols, abbreviated terms, ...) relating to the identification of floor coverings and underlays excluding their packaging necessary for the implementation of a circular economy. The intended use of this document is to provide information that allows different stakeholders to assess floor coverings and underlays on product content, environmental information, reuse, and/or recycling potential.

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 1043-1¹, *Plastics — Symbols and abbreviated terms — Part 1: basic polymers and their special characteristics (ISO 1043-1)*

EN ISO 1043-3, *Plastics — Symbols and abbreviated terms — Part 3: Plasticizers (ISO 1043-3)*

EN ISO 1043-4, *Plastics — Symbols and abbreviated terms — Part 4: Flame retardants (ISO 1043-4)*

EN 17861, *Resilient, textile, laminate and modular mechanical locked floor coverings — Circular Economy — Terms and definitions*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 17861 and the following 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**intended use**

use of a product in accordance with the specifications, instructions and information provided by the manufacturer

Note 1 to entry: This definition is consistent with the European Regulation EU No 305/2011.

[SOURCE: ISO/IEC Guide 51:2014, Definition 3.6 adapted]

3.2**demounting**

removing a product from its mounting or setting, without damaging the product or its performance (e.g. static and mechanical functions) or contaminating other products or assemblies

Note 1 to entry: Example: modular loose laid floor covering remove from its place while preserving its integrity.

¹ As impacted by EN ISO 1043-1:2011/A1:2016.

prEN 18135:2024 (E)**3.3****dismantling**

splitting a product into materials that can be reused or recycled

Note 1 to entry: Example: pieces of backing separated from the rest of the floor covering and re-processed to make a new backing.

3.4**disassembling**

splitting a system into sub-elements the product and its sub-elements that can be reused or recycled

Note 1 to entry: Example: underlayer removed from a floor covering system while preserving its integrity and reused as a new underlayer for a new floor covering.

3.5**refurbishment**

renovation and restoration to intended use condition

[SOURCE: ISO 10785:2011, Definition 3.27]

3.6**remanufacturing**

industrial process by which a previously sold, worn or non-functional product is returned to the original same as-new condition or better

[SOURCE: based on ISO 16714:2008]

3.7**biomass cascading**

biomass that has been processed into a bio-based end product is used at least once more, either as a material or as an energy source. Biomass cascade use is differentiated into:

- single-stage cascade: the bio-based end product is used directly for energy after the material use has taken place.
- multi-stage cascade: the bio-based end product is used at least once more for material use

[SOURCE: Umweltbundesamt – Germany:

https://www.umweltbundesamt.de/sites/default/files/medien/1410/publikationen/2017-06-13_texte_53-2017_biokaskaden_summary.pdf

3.8**system**

finished product which is a combination of the floor covering and underlays installed separately in situ

3.9**third party**

person or body that is recognized as being independent of the parties involved, as concerns the issues in question

[SOURCE: ISO 14050:2020, 3.2.8: Environmental management – Vocabulary]

prEN 18135:2024 (E)**4 Passport content****4.1 Validity rules**

The information contained in this passport is valid at the time it was issued, i.e. on the date mentioned in point 4.2.3. A new passport is mandatory when the name and brand are changed or when changes occur in 4.3. An update of the passport is mandatory when changes occur in 4.2.1, excluding product name and brand, 4.2.2 and 4.2.3.

4.2 Identification requirements**4.2.1 Product or family of products identification**

- Product names: optional
- Product or product family Identification Code: from supplier
- Global Trade Item Number: optional
- Description: corresponding specifications standard e.g. tufted tiles according to EN 1307. If none then a brief description (max. 8 words - e.g. resilient PVC on foam)

4.2.2 Supplier identification

- Company name
- Unique Identification Code of Supplier: optional
- Address
- Email contact information

4.2.3 Passport issuance

- Version number: e.g. 1, 2 ... update with the last version
- Date of passport version (DD/MM/YYYY)

4.3 Information on constituents and structure of the product**4.3.1 Product constituents and structure of the product****4.3.1.1 General**

- The disclosure is third party¹ validated: Yes/No
- Direct link to the product disclosure: optional

NOTE The supplier can use recognized solutions such as environmental labels or declarations. EN ISO 14021 specifies requirements for self-declared environmental claims (Type II environmental labelling). This International Standard describes a general evaluation and verification methodology for self-declared environmental claims and specific evaluation and verification methods for the selected claims in this International Standard.

4.3.1.2 Product constituents

The product passport shall indicate:

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- The substance threshold for the product disclosure: in % (ppm) of the final product e.g. 1 % (10000 ppm)
- The weight fraction of all substances in %: value or value range e.g. 10-20 %
- The composition disclosure lists at least the function (e.g. plasticizer, fiber), and content (%) as well as substances (e.g. DINP, PA6 ...) and CAS numbers (e.g. 28553-12-0, 25038-54-4 ...) when no proprietary information is applicable
- The disclosure is publicly available or under secrecy agreement: Yes/No
- Proprietary information is applicable: Yes/No

4.3.1.3 Product structure

The product passport shall indicate:

- Unified code for floor covering in indoor use: unified code according to the rules defined in Clause 5
- Total mass per unit area: g/m². Nominal value or mass ranges where the passport relates to a product group
- Overall thickness: mm. Nominal value or thickness ranges where the passport relates to a product group
- The composition disclosure defines the structure of the product: Yes/No

4.3.2 Hazard statements

- The product contains Substances of Very High Concern from the REACH Candidate list published in accordance with Article 59 (10) of the REACH Regulation in concentration above 0,1 % by weight: Yes/No²
- The product contains restricted substances that could exceed limits defined in Annex XVII of the REACH regulation related to the specific use which is relevant for this product: Yes/No
- The product contains substances that have a harmonized classification as CMR 1A or 1B in concentration above classification criteria for mixtures and/or specific concentration limits related to a substance defined in the CLP regulation (EC) n° 1272/2008: Yes/No
- The product contains substances listed in Annex I, II and III of Regulation (EU) No. 2019/1021 on Persistent Organic Pollutants: Yes/No

If yes was selected in one of the above questions:

- The composition disclosure defines substances for which yes was selected: Yes/No

NOTE Companies supplying articles containing substances of very high concern (SVHCs) from the Candidate List in a concentration above 0,1 % weight by weight (w/w) on the EU market submit information on these articles to ECHA. SCIP is the database for information on SVHCs in articles as such or in complex objects (Products) established under the Waste Framework Directive (WFD).

4.3.3 Pre-consumer recycled materials

- Pre-consumer recycled content by weight of the product (%): value or value range e.g. 10-20 %