



SLOVENSKI STANDARD
kSIST-TS FprCEN/TS 18075:2024
01-junij-2024

**Netekstilne, tekstilne, laminirane in modularne mehansko spojene talne obloge -
Krožno gospodarstvo in trajnostnost - Priporočila/smernice za načrtovanje**

Resilient, textile, laminate and modular mechanical locked floor coverings - Circular economy and sustainability - Recommendations/guidelines for design

Elastische, textile, Laminat- und modulare mechanisch verriegelnde Bodenbeläge - Kreislaufwirtschaft und Nachhaltigkeit - Empfehlungen/Richtlinien für die Gestaltung

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ICS:

13.020.20	Okoljska ekonomija. Trajnostnost	Environmental economics. Sustainability
97.150	Talne obloge	Floor coverings

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SPÉCIFICATION TECHNIQUE
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FprCEN/TS 18075

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ICS 13.020.20; 97.150

English Version

**Resilient, textile, laminate and modular mechanical locked
floor coverings - Circular economy and sustainability -
Recommendations/guidelines for design**

Elastische, textile, Laminat- und modulare mechanisch
verriegelnde Bodenbeläge - Kreislaufwirtschaft und
Nachhaltigkeit - Empfehlungen/Richtlinien für die
Gestaltung

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

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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.

Warning : This document is not a Technical Specification. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a Technical Specification.

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

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European foreword

This document (FprCEN/TS 18075:2024) 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 Vote on TS.

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Introduction

The European Commission adopted a European strategy for plastics in January 2018 [1]. It is part of the European Circular Economy Action Plan [2] and builds on existing measures to reduce plastic waste.

The plastics strategy is a key element of Europe's transition towards a carbon neutral and circular economy. It will contribute to reaching the 2030 Sustainable Development Goals, the Paris Climate Agreement objectives and the EU's industrial policy objectives.

In 2022 the *Commission Implementing Decision on a standardization request to the European Committee for Standardization and the European Committee for Electrotechnical Standardization as regards plastics recycling and recycled plastics in support of the European Strategy for Plastics in a Circular Economy (M/584)* was approved, which forms the basis for this document.

In addition to providing an answer to M/584 this document addresses recommendations and guidelines for design for circular economy and sustainability for resilient, textile, laminate and modular mechanical locked floor coverings. It highlights the key elements of the life cycle that need to be considered when designing a product for circularity.

This document is intended for (non-exhaustive list in alphabetical order):

- contractors/installers;
- customers, including end users;
- designers;
- developers;
- facility managers;
- manufacturers;
- retailers (distributors).

This document addresses the possibilities for returning (raw) materials used to the economic cycle based on circular design principles. The focus is on open systems that allow for economically interesting alternatives and not limited to the principle of closed cycles (product to product). Recycling of plastics is one of the methodologies addressed in this document.

This document also highlights the possibilities for cleaning and renewing processes of floor coverings during their whole lifetime, with the aim to prolong the lifetime of the floor coverings. This allows for maintaining a longer sustainable perspective and for lowering the impact on the economic cycle of floor coverings.