

STN	Textilné podlahové krytiny Stanovenie úbytku hmotnosti, ukotvenia vlákna a zmeny vzhľadu na hrane schodu pomocou stroja Lissone Tretrad (ISO 12951: 2020)	STN EN ISO 12951 74 7716
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Textile floor coverings - Determination of mass loss, fibre bind and stair nosing appearance change using the Lisson Tretrad machine (ISO 12951:2020)

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. 08/20

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Textile floor coverings - Determination of mass loss, fibre bind and stair nosing appearance change using the Lisson Tretrad machine (ISO 12951:2020)

Revêtements de sol textiles - Détermination de la perte de masse, de la sensibilité au défilage et du changement d'aspect au nez de marche à l'aide la machine Lisson Tretrad (ISO 12951:2020)

Textile Bodenbeläge - Bestimmung des Masseverlustes, der Fasereinbindung und der Treppenkantenprüfung mittels Lisson-Tretradgerät (ISO 12951:2020)

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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN ISO 12951:2020 (E)

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European foreword

This document (EN ISO 12951:2020) has been prepared by Technical Committee ISO/TC 219 "Floor coverings" in collaboration with Technical Committee CEN/TC 134 "Resilient, textile and laminate 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of an identical text or by endorsement, at the latest by December 2020, and conflicting national standards shall be withdrawn at the latest by December 2020.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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Endorsement notice

The text of ISO 12951:2020 has been approved by CEN as EN ISO 12951:2020 without any modification.

INTERNATIONAL STANDARD

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Textile floor coverings — Determination of mass loss, fibre bind and stair nosing appearance change using the Lisson Tretrad machine

*Revêtements de sol textiles — Détermination de la perte de masse,
de la sensibilité au défibrage et du changement d'aspect au nez de
marche à l'aide la machine Lisson Tretrad*



Reference number
ISO 12951:2020(E)

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CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 219, *Floor coverings*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 134, *Resilient, textile and laminate floor coverings*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 12951:2015), which has been technically revised.

The main changes compared to the previous edition are as follows:

- two different methods are described for calibrating the apparatus;
- a better description of how to assess test C is provided;
- examples of failure are given in [Annex A](#).

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Textile floor coverings — Determination of mass loss, fibre bind and stair nosing appearance change using the Lisson Tretrad machine

1 Scope

This document specifies four methods of test for textile floor coverings (with or without an underlay, see [Clause 9](#)) using the Lisson Tretrad machine.

- test A: determination of mass loss of textile floor coverings, also used to assess fibre bind of synthetic pile carpets;
- test B: determination of stair nosing appearance change of textile floor coverings;
- test C: determination of fibre bind on synthetic loop pile carpets;
- test D: determination of fibre bind (hairiness) on needled floor coverings and floor coverings without pile.

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.

ISO 139, *Textiles — Standard atmospheres for conditioning and testing*

ISO 1765, *Machine-made textile floor coverings — Determination of thickness*

ISO 1957, *Machine-made textile floor coverings — Selection and cutting of specimens for physical tests*

ISO 2424, *Textile floor coverings — Vocabulary*

ISO 8543, *Textile floor coverings — Methods for determination of mass*

ISO 9405, *Textile floor coverings — Assessment of changes in appearance*

EN 1307:2014+A3:2018, *Textile floor coverings — Classification*

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