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Textile floor coverings — Laboratory soiling —

Part 2: Drum test

Revêtements de sol textiles — Encrassement en laboratoire — Partie 2: Essai au tambour

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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 document 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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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, laminate and modular mechanical locked floor coverings,* in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 11378-2:2001), which has been technically revised. It also incorporates the Amendment ISO 11378-2:2001/Amd 1:2017.

The main changes are as follows:

— the standard soil compounds have been revised;

— the former Annex B and Annex D have been deleted.

A list of all parts in the ISO 11378 series can be found on the ISO website.

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.

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Textile floor coverings — Laboratory soiling —

Part 2:
Drum test

1 Scope

This document specifies the test method for assessing the propensity of textile floor coverings to soiling in the absence of abrasive wear and texture changes using a standard artificial soil composition.

This document applies to the testing of unused textile floor coverings of all types.

This document can also be extended to assess the effects of fibre finishes, cleaning chemicals and cleaning equipment (see Annex A).

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 105-A02, *Textiles — Tests for colour fastness — Part A02: Grey scale for assessing change in colour*

ISO 105-J01, *Textiles — Tests for colour fastness — Part J01: General principles for measurement of surface colour*

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

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

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

ISO 23122, *Textile floor coverings — Production of changes in appearance by means of a hexapod tumbler tester*

3 Terms and definitions

No terms and definitions are listed in this document.

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/

4 Principle

Test specimens are subjected to an accelerated soiling process. The degree of soiling is measured by calculating the change in colour between soiled and original textile floor covering, or by use of the large grey scales.

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