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# TEXTILE FLOOR COVERINGS - TESTS USING THE LISSON TRETRAD MACHINE

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EUROPEAN STANDARD

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# EN 1963

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English Version

# Textile floor coverings - Tests using the Lisson Tretrad Machine

Revêtements de sol textile - Essais utilisant la machine Lisson

Textile Bodenbeläge - Prüfungen mit dem Tretradgerät System Lisson

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# Foreword

This document (EN 1963:2007) has been prepared by Technical Committee CEN/TC 134 “Resilient, textile and laminate floor coverings”, the secretariat of which is held by BSI.

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of an identical text or by endorsement, at the latest by October 2007, and conflicting national standards shall be withdrawn at the latest by October 2007.

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## 1 Scope

This European Standard specifies four methods of test of textile floorcoverings (with or without an underlay, see Clause 9) using the Lisson Tretrad machine.

Test A: Determination of mass loss of textile floorcoverings also used to assess fibre bind of synthetic cut pile carpets.

Test B: Determination of stair nosing appearance change of textile floorcoverings.

Test C: Determination of fibre bind on synthetic loop pile carpets.

Test D: Determination of fibre bind (hairiness) on needled floorcoverings.

## 2 Normative references

The following referenced documents are indispensable for the application 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 984, *Textile floor coverings — Determination of the mass per unit area of the use surface of needled floor coverings*

EN 1307, *Textile floor coverings — Classification of pile carpet*

EN 1470, *Textile floor coverings — Classification of needled floor coverings except for needled pile floor coverings*

EN 1471, *Textile floor coverings — Assessment of changes in appearance*

EN 13297, *Textile floor coverings — Classification of needled pile floor coverings*

EN 14215, *Textile floor coverings — Classification of machine-made pile rugs and runners*

EN 15114, *Textile floor coverings — Classification of textile floor coverings without pile*

EN ISO 139, *Textiles — Standard atmospheres for conditioning and testing (ISO 139:2005)*

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 2424:1992, *Textile floor coverings — Vocabulary*

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

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