



BSI Standards Publication

Resilient floor coverings - Specification for plain and decorative linoleum on a foam backing

National foreword

This British Standard is the UK implementation of EN 686:2019. It supersedes BS EN 686:2011, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee PRI/60, Resilient and Laminate Floor Coverings.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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EUROPEAN STANDARD

EN 686

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Supersedes EN 686:2011

English Version

Resilient floor coverings - Specification for plain and decorative linoleum on a foam backing

Revêtements de sol résilients - Spécifications pour le linoléum uni et décoratif sur sous-couche de mousse

Elastische Bodenbeläge - Spezifikation für Linoleum mit und ohne Muster mit Schaumrücken

This European Standard was approved by CEN on 12 April 2019.

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European foreword

This document (EN 686:2019) has been prepared by 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of an identical text or by endorsement, at the latest by December 2019, and conflicting national standards shall be withdrawn at the latest by December 2019.

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.

This document supersedes EN 686:2011.

In comparison with the previous edition, the following technical modifications have been made:

— All referenced test methods have been changed.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

1 Scope

This document specifies the characteristics of plain and decorated linoleum on a foam backing as a compound floor covering, supplied in roll form.

To encourage the consumer to make an informed choice, this document includes a classification system based on the intensity of use, which shows where resilient floor coverings provide satisfactory service.

The term 'linoleum' is frequently incorrectly applied to a range of floor coverings, often to those based on polyvinyl chloride or rubber. Such materials are not included in this document.

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 10874, *Resilient, textile and laminate floor coverings — Classification*

EN ISO 23997, *Resilient floor coverings — Determination of mass per unit area*

EN ISO 24340, *Resilient floor coverings — Determination of thickness of layers*

EN ISO 24341, *Resilient and textile floor coverings — Determination of length, width and straightness of sheet*

EN ISO 24343-1, *Resilient and laminate floor coverings — Determination of indentation and residual indentation — Part 1: Residual indentation*

EN ISO 24344, *Resilient floor coverings — Determination of flexibility and deflection*

EN ISO 24345, *Resilient floor coverings — Determination of peel resistance*

EN ISO 24346, *Resilient floor coverings — Determination of overall thickness*

EN ISO 26985, *Resilient floor coverings — Identification of linoleum and determination of cement content and ash residue*

EN ISO 105-B02, *Textiles — Tests for colour fastness — Part B02: Colour fastness to artificial light: Xenon arc fading lamp test*

ISO 4918, *Resilient, textile and laminate floor coverings — Castor chair test*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— IEC Electropedia: available at <http://www.electropedia.org/>

— ISO Online browsing platform: available at <http://www.iso.org/obp>