BSI Standards Publication

Laminate floor coverings — Elements with a surface layer based on aminoplastic thermosetting resins — Specifications, requirements and test methods

National foreword

This British Standard is the UK implementation of EN 13329:2016+A2:2021. It supersedes BS EN 13329:2016+A1:2017, which is withdrawn.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to CEN text carry the number of the CEN amendment. For example, text altered by CEN amendment A1 is indicated by 〈A1〉 〈/A1〉.

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

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English Version

Laminate floor coverings - Elements with a surface layer based on aminoplastic thermosetting resins - Specifications, requirements and test methods

Revêtements de sol stratifiés - Éléments dont la surface est à base de résines aminoplastes thermodurcissables - Spécifications, exigences et méthodes d'essai

Laminatböden - Elemente mit einer Deckschicht auf Basis aminoplastischer, wärmehärtbarer Harze - Spezifikationen, Anforderungen und Prüfverfahren

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European foreword

This document (EN 13329:2016+A2:2021) 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of an identical text or by endorsement, at the latest by March 2022, and conflicting national standards shall be withdrawn at the latest by March 2022.

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 includes Amendment 1 approved by CEN on 2017-07-01 and Amendment 2 approved by CEN on 2021-07-18.

This document supersedes A2 EN 13329:2016+A1:2017 A2.

The start and finish of text introduced or altered by amendment is indicated in the text by tags A1 A1 and A2 A2.

A2 In comparison with the previous version EN 13329:2016+A1:2017 of the original edition EN 13329:2016, the new consolidated version EN 13329:2016+A2:2021 contains the following technical modifications:

— Normative references: replace EN 424, *Resilient floor coverings - Determination of the effect of simulated movement of a furniture leg* with EN ISO 16581, *Resilient and laminate floor coverings — Determination of the effect of simulated movement of a furniture leg;*

— Normative references: add EN 17368, *Laminate floor coverings - Determination of impact resistance with small ball*";

— Scope: replacement of the last paragraph;

— term 3.3 substrate: replacement of the definition;

— Table 2: change the requirements and test method for impact resistance: small ball and addition of footnote to table [d] as clarification for testing, replacement of Table 2;

— Annex H: small ball test method has been deleted, replacement of Annex H. A2

A1 *deleted text* A1

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1 Scope

This European Standard specifies characteristics, requirements and test methods for laminate floor coverings with a surface layer based on aminoplastic thermosetting resins as defined in 3.1 and 3.2. It also specifies requirements for marking and packaging.

It includes a classification system, based on EN ISO 10874, giving practical requirements for areas of use and levels of use, to indicate where laminate floor coverings will give satisfactory service and to encourage the consumer to make an informed choice.

A2 Laminate floor coverings are generally designed for floating installations and are considered for domestic and commercial levels of use, including domestic kitchens. This document does not specify requirements relating to the use in areas which are subjected to frequent wetting, such as bathrooms, laundry rooms or saunas. In general laminate floor coverings can only be used in those areas when authorized by the manufacturer and under conditions described in the manufacturer's installation guidelines. A2

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 311, *Wood-based panels — Surface soundness — Test method*

EN 318, *Wood based panels — Determination of dimensional changes associated with changes in relative humidity*

EN 322, *Wood-based panels — Determination of moisture content*

A2 EN ISO 16581, *Resilient and laminate floor coverings — Determination of the effect of simulated movement of a furniture leg (ISO 16581)* A2

EN 425:2002, *Resilient and laminate floor coverings — Castor chair test*

EN 438 (all parts), *High-pressure decorative laminates (HPL) — Sheets based on thermosetting resins (Usually called Laminates)*

EN 16094, *Laminate floor coverings — Test method for the determination of micro-scratch resistance*

A2 EN 17368, *Laminate floor coverings — Determination of impact resistance with small ball* A2

CEN/TS 16354, *Laminate floor coverings — Underlays — Specification, requirements and test methods*

EN 20105-A02, *Textiles — Tests for colour fastness — Part A02: Grey scale for assessing change in colour (ISO 105-A02)*

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

EN ISO 4892-2:2006/A1:2009, *Plastics — Methods of exposure to laboratory light sources — Part 2: Xenon-arc lamps (ISO 4892-2:2006/Amd1:2009)*

EN ISO 6506-1, *Metallic materials — Brinell hardness test — Part 1: Test method (ISO 6506-1)*