



BSI Standards Publication

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

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## National foreword

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 It supersedes BS EN 13329:2016, which is withdrawn.

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

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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

This European Standard was approved by CEN on 27 November 2015 and includes Amendment 1 approved by CEN on 1 July 2017.

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<b>Contents</b>	<b>Page</b>
European foreword.....	4
1 Scope.....	5
2 Normative references.....	5
3 Terms and definitions.....	6
4 Requirements.....	7
4.1 General requirements.....	7
4.2 Classification requirements.....	8
4.3 Additional technical characteristics.....	10
5 Marking and packaging.....	10
5.1 Marking.....	10
5.2 Packaging.....	11
6 Test report.....	11
<b>Annex A (normative) Determination of thickness, length, width, squareness, straightness and flatness.....</b>	<b>12</b>
A.1 Sampling.....	12
A.2 Conditioning.....	12
A.3 Apparatus.....	12
A.4 Procedure.....	14
A.4.1 Determination of thickness (t).....	14
A.4.2 Determination of length (l).....	15
A.4.3 Determination of width (w).....	16
A.4.4 Determination of dimensions of squared elements.....	16
A.4.5 Determination of squareness (q).....	17
A.4.6 Determination of straightness (s).....	17
A.4.7 Determination of width flatness ( $f_w$ ).....	18
A.4.8 Determination of length flatness ( $f_l$ ).....	18
A.5 Calculation and expression of results.....	19
A.5.1 Thickness (t).....	19
A.5.2 Length (l).....	19
A.5.3 Width (w).....	19
A.5.4 Squareness (q).....	19
A.5.5 Straightness (s).....	20
A.5.6 Width flatness ( $f_w$ ).....	20
A.5.7 Length flatness ( $f_l$ ).....	20
<b>Annex B (normative) Determination of openings and height difference.....</b>	<b>21</b>
B.1 Sampling.....	21
B.2 Conditioning.....	21
B.3 Apparatus.....	21
B.4 Procedure.....	21
B.4.1 Assembling.....	21
B.4.2 Determination of opening between elements (o).....	22
B.4.3 Determination of height difference (h).....	22
B.5 Calculation and expression of results.....	22

This is a preview of "BS EN 13329:2016+A1:...". [Click here to purchase the full version from the ANSI store.](#)

<b>Annex C (normative) Determination of dimensional variations after changes in relative humidity</b> .....	<b>23</b>
C.1 General .....	23
C.2 Sampling .....	23
C.3 Conditioning .....	23
C.4 Calculation and expression of results .....	24
<b>Annex D (normative) Determination of surface soundness</b> .....	<b>25</b>
D.1 General .....	25
D.2 Sampling .....	25
D.3 Conditioning .....	25
D.4 Procedure .....	25
D.4.1 Preparing the test specimen.....	25
D.4.2 Bonding the steel pad to the surface.....	26
D.4.3 Determination of force at fracture .....	26
D.5 Calculation and expression of results .....	26
<b>Annex E (normative) Determination of abrasion resistance and abrasion classification</b> .....	<b>27</b>
E.1 Sampling .....	27
E.2 Conditioning .....	27
E.3 Apparatus .....	28
E.3.1 Testing machine .....	28
E.3.2 Additional material or equipment .....	30
E.4 Procedure .....	31
E.4.1 General .....	31
E.4.2 Preparation of test specimens and abrasive papers.....	31
E.4.3 Preparation of abrasive wheels.....	31
E.4.4 Determination of the abrasion rate of abrasive paper .....	31
E.4.5 Abrasion of test specimen .....	31
E.4.6 Expression of results .....	32
E.4.7 Test report .....	33
<b>Annex F (normative) Calibration and Maintenance of Abrasion equipment</b> .....	<b>34</b>
F.1 General .....	34
F.2 Apparatus .....	34
F.3 Procedure .....	34
F.3.1 Bearing Wear.....	34
F.3.2 Shaft Wear .....	34
F.3.3 Alignment .....	35
<b>Annex G (normative) Measurement of shore A hardness</b> .....	<b>37</b>
<b>Annex H (normative) Determination of impact resistance and impact classification</b> .....	<b>38</b>
H.1 General .....	38
H.2 Sampling .....	38
H.3 Apparatus .....	38
H.4 Procedure .....	38
H.4.1 Large-diameter ball test.....	38
H.4.2 Small-diameter ball test.....	39
<b>Bibliography</b> .....	<b>42</b>

This is a preview of "BS EN 13329:2016+A1:...". [Click here to purchase the full version from the ANSI store.](#)

## European foreword

This document (EN 13329:2016+A1:2017) 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 April 2018, and conflicting national standards shall be withdrawn at the latest by April 2018.

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.

This document supersedes A1 EN 13329:2016 A1.

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A1 *deleted text* A1

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

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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.

Laminate floor coverings are considered for domestic and commercial levels of use, including domestic kitchens. This standard does not specify requirements relating to areas which are subjected to frequent wetting, such as bathrooms, laundry rooms or saunas.

## 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*

EN 424, *Resilient floor coverings — Determination of the effect of simulated movement of a furniture leg*

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*

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)*

EN ISO 10874, *Resilient, textile and laminate floor coverings — Classification (ISO 10874)*

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