

**Resilient floor coverings - Specification for floor panels
for loose laying**

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 14085:2010 sisaldab Euroopa standardi EN 14085:2010 ingliskeelset teksti.

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English Version

Resilient floor coverings - Specification for floor panels for loose laying

Revêtements de sol résilients - Spécification des panneaux de plancher pour pose flottante

Elastische Bodenbeläge - Spezifikation für Fußbodenpaneele für lose Verlegung

This European Standard was approved by CEN on 27 February 2010.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents

Page

Foreword.....	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	5
4 Requirements	5
4.1 General requirements for the floor panels	5
4.2 Resilient floor coverings	7
4.3 General requirements for the surface layer	7
4.3.1 General.....	7
4.3.2 Residual indentation	7
4.3.3 Colour fastness to artificial light.....	7
4.3.4 Hardness of rubber surface.....	7
4.4 Classification requirements.....	7
4.4.1 General.....	7
4.4.2 Classification requirements for the surface layer	9
5 Marking and packaging	9
5.1 Marking	9
5.2 Packaging	10
Annex A (normative) Determination of flatness	11
A.1 Sampling	11
A.2 Conditioning.....	11
A.3 Apparatus	11
A.3.1 Dial gauge	11
A.3.2 Rigid surface	11
A.3.3 Thickness gauge.....	11
A.4 Procedure	12
A.4.1 Determination of width flatness (f_w).....	12
A.4.2 Determination of length flatness (f_l).....	13
A.5 Recording and expression of results	14
A.5.1 General.....	14
Annex B (normative) Determination of openings and height differences between floor panels	15
B.1 Sampling	15
B.2 Conditioning.....	15
B.3 Apparatus	15
B.3.1 Thickness gauges.....	15
B.3.2 Calliper gauge	15
B.3.3 Test surface	15
B.4 Procedure	15
B.4.1 Assembly	15
B.4.2 Determination of openings between panels	16
B.4.3 Determination of height difference	16
B.5 Calculation and expression of results.....	16
Annex C (normative) Determination of dimensional variations caused by changes in humidity	17
C.1 General.....	17
C.2 Sampling	17
C.3 Conditioning.....	17
C.4 Procedure	18
C.5 Calculation and expression of results.....	18
Annex D (normative) Test report for tests carried out in accordance with Annexes A, B and C	19
Annex E (informative) Optional properties	20
Bibliography	21

Foreword

This document (EN 14085:2010) 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 2010, and conflicting national standards shall be withdrawn at the latest by October 2010.

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1 Scope

This European Standard specifies requirements and test methods for floor panels, which have surface layers consisting of resilient floor covering. The floor panels are considered suitable for domestic and commercial levels of use.

This European Standard is not applicable to floor panels that are subject to frequent wetting, such as bathrooms, laundry rooms and saunas.

This European Standard also specifies the requirements for marking and packaging.

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 309:2005, *Particleboards – Definition and classification*

EN 316:2009, *Wood fibre boards – Definition, classification and symbols*

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

EN 425, *Resilient and laminate floor coverings – Castor chair test*

EN 427, *Resilient floor coverings – Determination of the side length, squareness and straightness of tiles*

EN 428, *Resilient floor coverings – Determination of overall thickness*

EN 548, *Resilient floor coverings – Specification for plain and decorative linoleum*

EN 649, *Resilient floor coverings – Homogeneous and heterogeneous polyvinyl chloride floor coverings – Specification*

EN 651, *Resilient floor coverings — Polyvinyl chloride floor coverings with foam layer – Specification*

EN 652, *Resilient floor coverings – Polyvinyl chloride floor coverings with cork-based backing – Specification*

EN 653, *Resilient floor coverings – Expanded (cushioned) polyvinyl chloride floor coverings – Specification*

EN 655, *Resilient floor coverings – Tiles of agglomerated composition cork with polyvinyl chloride wear layer – Specification*

EN 669:1997, *Resilient floor coverings – Determination of dimensional stability of linoleum tiles caused by changes in atmospheric humidity*

EN 685, *Resilient, textile and laminate floor coverings - Classification*

EN 1817, *Resilient floor coverings – Specification for homogeneous and heterogeneous smooth rubber floor coverings*

EN 12104, *Resilient floor coverings – Cork floor tiles – Specification*

EN 12199, *Resilient floor coverings – Specifications for homogeneous and heterogeneous relief rubber floor coverings*

EN 12466:1998, *Resilient floor coverings – Vocabulary*

EN 13845, *Resilient floor coverings – Polyvinyl chloride floor coverings with particle based enhanced slip resistance – Specification*

EN 14565, *Resilient floor coverings – Floor coverings based upon synthetic thermoplastic polymers – Specification*

ISO 24336, *Laminate floor coverings – Determination of thickness swelling after partial immersion in water*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 309:2005, EN 316:2009, EN 12466:1998 and the following apply.

3.1

floor panel

product generally of rectangular form consisting of a compact layer of a substrate and a surface layer of a resilient floor covering

3.2

substrate

core material of the floor panel, which is tongued and grooved or otherwise constructed to allow the panels to be assembled together using an appropriate glue or by other assembling techniques.

NOTE 1 The substrate might include a backing.

NOTE 2 The substrate is generally a particleboard, as defined in EN 309, or a Medium Density Fibreboard or High Density Fibreboard (MDF or HDF) as defined in EN 316.

3.3

surface layer

upper decorative layer of one of the specified resilient floor coverings, which is bonded to the substrate directly or as total product and is intended to be the visible side when the floor is installed.

4 Requirements

4.1 General requirements for the floor panels

All classes of floor panels including the surface layer shall conform to the requirements specified in Table 1 when tested in accordance with the test methods specified in Table 1.