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Standards

Irish Standard  
I.S. EN 14499:2015

## Textile floor coverings - Minimum requirements for carpet underlays

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I.S. EN 14499:2015

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NSAI  
1 Swift Square,  
Northwood, Santry  
Dublin 9

T +353 1 807 3800  
F +353 1 807 3838  
E standards@nsai.ie  
W NSAI.ie

Sales:  
T +353 1 857 6730  
F +353 1 857 6729  
W standards.ie

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English Version

## Textile floor coverings - Minimum requirements for carpet underlays

Revêtements de sol textiles - Exigences minimales pour les  
thibaudes de moquetteTextile Bodenbeläge - Mindestanforderungen an  
Teppichunterlagen

This European Standard was approved by CEN on 28 February 2015.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
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**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

<b>Contents</b>		Page
Foreword.....		3
1	Scope .....	4
2	Normative references .....	4
3	Terms and definitions .....	4
4	Sampling.....	5
5	Performance.....	5
6	Classification.....	6
7	Marking .....	7
<b>Annex A (normative) Method for determination of resistance to breaking and cracking .....</b>		<b>8</b>
A.1	Principle .....	8
A.2	Apparatus .....	8
A.3	Test specimen .....	8
A.4	Procedure .....	8
A.5	Test report .....	8
<b>Annex B (normative) Determination of work of compression of underlay .....</b>		<b>10</b>

## Foreword

This document (EN 14499:2015) 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of an identical text or by endorsement, at the latest by October 2015, and conflicting national standards shall be withdrawn at the latest by October 2015.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 14499:2004.

The main technical changes with respect to the previous edition are:

- The scope has been extended to include breaking and cracking resistance, which is in line with the requirement clauses;
- A number of editorial and technical inaccuracies in the text and the figures were corrected.

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, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

## 1 Scope

This European Standard specifies minimum performance requirements for fibrous, non-fibrous and combined underlays as well as demands for the breaking and cracking resistance.

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

EN ISO 13934-1, *Textiles — Tensile properties of fabrics — Part 1: Determination of maximum force and elongation at maximum force using the strip method (ISO 13934-1)*

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 2094, *Textile floor coverings — Determination of thickness loss under dynamic loading*

ISO 3415, *Textile floor coverings — Determination of thickness loss after brief, moderate static loading*

ISO 3416, *Textile floor coverings — Determination of thickness loss after prolonged, heavy static loading*

ISO 10361, *Textile floor coverings — Production of changes in appearance by means of Vettermann drum and hexapod tumbler tester*

BS 4098, *Method for the determination of thickness, compression and recovery characteristics of textile floor coverings*

## 3 Terms and definitions

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

### 3.1

#### **needlefelt fibrous underlay**

material made wholly of fibres entangled or matted together by needling of a fibre batt

### 3.2

#### **impregnated fibrous underlay**

material made of fibres consolidated by impregnation with a binding agent

Note 1 to entry: A woven, nonwoven or film scrim may be included in a fibrous underlay for support during manufacture.

### 3.3

#### **cellular rubber underlay**

material formed of a vulcanized rubber foam, with or without a carrier or backing material bonded thereto

### 3.4

#### **cellular plastics underlay**

material formed of a polymeric foam, e.g. polyurethane, with or without a carrier or backing material bonded thereto

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