

ICS: 97.150

# *Geregistreeerde Belgische norm*

**NBN EN ISO 10581**

1e uitg., december 2013

**Normklasse: B 28**

## **Elastische vloerbekledingen - Homogene vloerbekledingen van polyvinylchloride - Specificaties (ISO 10581:2011)**

Revêtements de sol résilients - Revêtements de sol homogènes en poly(chlorure de vinyle) - Spécifications (ISO 10581:2011)

Resilient floor coverings - Homogeneous poly(vinyl chloride) floor covering - Specifications (ISO 10581:2011)

### **Toelating tot publicatie: 19 december 2013**

Vervangt NBN EN 649 (2011).

Deze Europese norm EN ISO 10581;2013 heeft de status van een Belgische norm.

Deze Europese norm bestaat in drie officiële versies (Duits, Engels, Frans).



**Bureau voor Normalisatie - Jozef II-straat 40 - 1000 Brussel - België**

Tel: +32 2 738 01 12 - Fax: +32 2 733 42 64 - E-mail: [info@nbn.be](mailto:info@nbn.be) - NBN Online: [www.nbn.be](http://www.nbn.be)  
Bank 000-3255621-10 IBAN BE41 0003 2556 2110 BIC BPOTBEB1 BTW BE0880857592

ICS: 97.150

***norme belge  
enregistrée***

**NBN EN ISO 10581**

1e éd., décembre 2013

**Indice de classement: B 28**

---

**Revêtements de sol résilients - Revêtements de sol homogènes en poly(chlorure de vinyle) - Spécifications (ISO 10581:2011)**

Elastische vloerbekledingen - Homogene vloerbekledingen van polyvinylchloride - Specificaties (ISO 10581:2011)

Resilient floor coverings - Homogeneous poly(vinyl chloride) floor covering - Specifications (ISO 10581:2011)

---

**Autorisation de publication: 19 décembre 2013**

Remplace NBN EN 649 (2011).

La présente norme européenne EN ISO 10581:2013 a le statut d'une norme belge.

La présente norme européenne existe en trois versions officielles (allemand, anglais, français).



**Bureau de Normalisation - rue Joseph II 40 - 1000 Bruxelles - Belgique**

Tél: +32 2 738 01 12 - Fax: +32 2 733 42 64 - E-mail: info@nbn.be - NBN Online: www.nbn.be  
Banque 000-3255621-10 IBAN BE41 0003 2556 2110 BIC BPOTBEB1 TVA BE0880857592

EUROPEAN STANDARD

**EN ISO 10581**

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2013

ICS 97.150

Supersedes EN 649:2011

English Version

**Resilient floor coverings - Homogeneous poly(vinyl chloride)  
floor covering - Specifications (ISO 10581:2011)**

Revêtements de sol résilients - Revêtements de sol  
homogènes en poly(chlorure de vinyle) - Spécifications  
(ISO 10581:2011)

Elastische Bodenbeläge - Homogene Polyvinylchlorid-  
Bodenbeläge - Spezifikation (ISO 10581:2011)

This European Standard was approved by CEN on 12 October 2013.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of 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 United Kingdom.



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

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

## Contents

	Page
Foreword.....	3

## Foreword

The text of ISO 10581:2011 has been prepared by Technical Committee ISO/TC 219 “Floor coverings” of the International Organization for Standardization (ISO) and has been taken over as EN ISO 10581:2013 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 2014, and conflicting national standards shall be withdrawn at the latest by April 2014.

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 649:2011.

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.

### Endorsement notice

The text of ISO 10581:2011 has been approved by CEN as EN ISO 10581:2013 without any modification.



---

---

**Resilient floor coverings —  
Homogeneous poly(vinyl chloride) floor  
covering — Specification**

*Revêtements de sol résilients — Revêtements de sol homogènes en  
poly(chlorure de vinyle) — Spécifications*





**COPYRIGHT PROTECTED DOCUMENT**

© ISO 2011

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office  
Case postale 56 • CH-1211 Geneva 20  
Tel. + 41 22 749 01 11  
Fax + 41 22 749 09 47  
E-mail [copyright@iso.org](mailto:copyright@iso.org)  
Web [www.iso.org](http://www.iso.org)

Published in Switzerland



## Contents

	Page
Foreword .....	iv
1 <b>Scope</b> .....	1
2 <b>Normative references</b> .....	1
3 <b>Terms and definitions</b> .....	2
4 <b>Requirements</b> .....	2
5 <b>Classification</b> .....	3
6 <b>Marking, labelling and packaging</b> .....	5
<b>Annex A</b> (informative) <b>Optional properties</b> .....	6
<b>Bibliography</b> .....	7

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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

ISO 10581 was prepared by Technical Committee ISO/TC 219, *Floor coverings*.

# Resilient floor coverings — Homogeneous poly(vinyl chloride) floor covering — Specification

## 1 Scope

This International Standard specifies the characteristics of homogeneous floor coverings, based on poly(vinyl chloride), supplied in either tile or roll form. Products may contain a transparent, non-PVC factory finish.

To encourage the consumer to make an informed choice, this International Standard includes a classification system (see ISO 10874) based on intensity of use, which shows where these floor coverings should give satisfactory service. It also specifies requirements for marking.

## 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.

ISO 105-BO2:1994, *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*

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

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

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

ISO 24342, *Resilient and textile floor-coverings — Determination of side length, edge straightness and squareness of tiles*

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

ISO 23996, *Resilient floor coverings — Determination of density*

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

ISO 23999, *Resilient floor coverings — Determination of dimensional stability and curling after exposure to heat*

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

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

ASTM F 1515, *Standard Test Method for Measuring Light Stability of Resilient Flooring by Color Change*

EN 684, *Resilient floor coverings — Determination of seam strength*