



**NSAI**  
Standards

Irish Standard  
I.S. EN ISO 10581:2013

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

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## I.S. EN ISO 10581:2013

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*This document replaces:*  
EN 649:2011

<i>This document is based on:</i> EN ISO 10581:2013 EN 649:2011	<i>Published:</i> 30 October, 2013 18 March, 2011
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This document was published under the authority of the NSAI and comes into effect on:  
30 October, 2013

**ICS number:**  
97.150

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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)

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## **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of an identical text or by endorsement, at the latest by April 2014, and conflicting national standards shall be withdrawn at the latest by April 2014.

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This document supersedes EN 649:2011.

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### **Endorsement notice**

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

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I.S. EN ISO 10581:2013  
**INTERNATIONAL  
STANDARD**

**ISO  
10581**

First edition  
2011-09-01

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

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



Reference number  
ISO 10581:2011(E)

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Published in Switzerland



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## **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*

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