



NSAI
Standards

Irish Standard
I.S. EN 16776:2016

Resilient floor coverings - Heterogeneous polyurethane floor coverings - Specification

I.S. EN 16776:2016

Incorporating amendments/corrigenda/National Annexes issued since publication:

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National Foreword

I.S. EN 16776:2016 is the adopted Irish version of the European Document EN 16776:2016, Resilient floor coverings - Heterogeneous polyurethane floor coverings - Specification

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EUROPEAN STANDARD

EN 16776

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2016

ICS 97.150

English Version

Resilient floor coverings - Heterogeneous polyurethane floor coverings - Specification

Revêtements de sol résilients - Revêtements
hétérogènes en polyuréthane - Spécification

Elastische Bodenbeläge - Homogene und heterogene
Polyurethan-Bodenbeläge - Spezifikation

This European Standard was approved by CEN on 10 January 2016.

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European foreword

This document (EN 16776:2016) 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of an identical text or by endorsement, at the latest by September 2016, and conflicting national standards shall be withdrawn at the latest by September 2016.

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EN 16776:2016 (E)**1 Scope**

This European Standard specifies the characteristics of heterogeneous resilient floor coverings based on polyurethane with thermosetting properties supplied in either roll, planks or tile form. This specification does apply for floor covering consisting of a wear layer and other compact layers made from polyurethane which differ in composition, chemical crosslinking and/or design and can contain a decor layer, reinforcement and other backing.

This specification does not apply for floor coverings that are specified in EN ISO 10582, EN ISO 24011, EN 1817 or EN 14565.

To encourage the consumer to make an informed choice, the standard includes a classification system (see EN 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 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 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 1471, *Textile floor coverings — Assessment of changes in appearance*

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 291, *Plastics — Standard atmospheres for conditioning and testing (ISO 291)*

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

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

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

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

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

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

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

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

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

ISO 11378-1, *Textile floor coverings — Laboratory soiling tests — Part 1: Kappasoil test*

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