



NSAI
Standards

Irish Standard
I.S. EN 16641:2019

Textile floor coverings - Guidelines for acceptable colour deviations

I.S. EN 16641:2019

Incorporating amendments/corrigenda/National Annexes issued since publication:

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National Foreword

I.S. EN 16641:2019 is the adopted Irish version of the European Document EN 16641:2019, Textile floor coverings - Guidelines for acceptable colour deviations

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EUROPEAN STANDARD

EN 16641

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2019

ICS 97.150

Supersedes CEN/TS 16641:2014

English Version

Textile floor coverings - Guidelines for acceptable colour deviations

Revêtements de sol textiles - Lignes directrices pour les écarts de couleur acceptables

Textile Bodenbeläge - Richtlinien für akzeptable Farbabweichungen

This European Standard was approved by CEN on 16 September 2019.

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European foreword

This document (EN 16641:2019) 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of an identical text or by endorsement, at the latest by April 2020, and conflicting national standards shall be withdrawn at the latest by April 2020.

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

This document supersedes CEN/TS 16641:2014.

In comparison with the previous edition, a number of technical and editorial changes for clarification were introduced in clause 6.

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EN 16641:2019 (E)**1 Scope**

This document gives guidance in case of complaints when a colour deviation is observed after installation of a textile floor covering by the installer and/or end user.

The colour deviation can be observed within different parts of the installation or between the installed textile floor covering and the initially presented sample on which the choice for ordering was made.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

CEN/TS 14472-2, *Resilient, textile and laminate floor coverings — Design, preparation and installation — Part 2: Textile floor coverings*

EN 20105-A02, *Textiles — Tests for colour fastness — Part A02: Grey scale for assessing change in colour (ISO 105-A02)*

ISO 2424, *Textile floor coverings — Vocabulary*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 2424 apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <https://www.iso.org/obp>

4 General information on colour deviation and initial requirements**4.1 Carpet manufacturing**

During the manufacturing of textile floor coverings (carpets), it is not always possible to maintain equal colour nuances. Slight differences in colour can occur due to different dyeing methods, visual colour assessment, changes in manufacturing processes, different dates of completion, subsequent deliveries, etc.

4.2 Installation

Textile floor coverings are intended to be installed according to the general installation guideline CEN/TS 14472-2 and to the manufacturer's installation manual.

It is recommended to install in one and the same room textile floor covering of the same production batch. The requirement for colour uniformity is restricted to the installation of the entire floor covering in one room and basically ends at the doors, unless otherwise agreed. For larger projects, it is recommended to agree on an installation plan with the manufacturer, so that the total amount can be subdivided into smaller, colour-equal production batches or a combination of colour-equal production batches.

The installer shall check the colour uniformity of the textile floor covering at the moment of installation.

When installing different sheets or carpet tiles in one room, the colour uniformity is only relevant when the pile direction for all parts is in the same direction, linear to each other. A different pile direction can cause a different colour impression.

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