

English Version

Textile floor coverings - Requirements for tolerances on (linear) dimensions of rugs, runners, carpet tiles and wall-to-wall carpet and for tolerances on pattern repeat

Revêtements de sol textiles - Exigences concernant les tolérances sur les dimensions (linéaires) des tapis, passages, dalles de moquette et moquettes et les tolérances sur le raccord de dessin

Textile Bodenbeläge - Anforderungen an Toleranzen der (linearen) Maße von abgepassten Teppichen, Läufern, Teppichfliesen und Teppich-Auslegware und des Musterrapports

This Technical Specification (CEN/TS) was approved by CEN on 2 February 2007 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

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Foreword

This document (CEN/TS 14159:2007) has been prepared by Technical Committee CEN/TC 134 "Resilient, textile and laminate floor coverings", the secretariat of which is held by BSI.

This document supersedes CEN/TS 14159:2004.

The only change from the original document is the correction to Table 1, row 3, column 3 as follows:

"nominal + 1,0 % / - 0 %" has been changed to read "nominal + 1,0 % / - 1,0 %" (2 times).

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to announce this CEN Technical Specification: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

Introduction

Owing to influences of the production process on the structure, textile floor coverings may show variations in size and distortion. However, in many cases, certain discrepancies can be worked away through professional and careful installation. By open communication between manufacturer and installer, an agreement can be found between what is technically possible in manufacturing, and at the same time technically workable during installation.

The maximum distortions in pattern repeat specified in this Technical Specification are applicable only to carpets with certain design styles ex-factory.

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1 Scope

This Technical Specification specifies the maximum accepted tolerances on the dimensions and distortions in pattern, of rugs, runners, carpet tiles and wall-to-wall carpet.

NOTE These tolerances do not affect the functional characteristics of the floor covering.

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 2424:2007, *Textile floor coverings — Vocabulary*

ISO 3018, *Textile floor coverings — Rectangular textile floor coverings — Determination of dimensions*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 2424:2007 and the following apply.

3.1

arcing (carpet roll)

arcing of the carpet roll itself in the production direction when unrolled (Figure 5)

3.2

linear pattern distortion (in direction of production)

displacements of the pattern widthways so that alignment of repeated design features in the production direction are not parallel with the edge of the carpet (Figure 3)

3.3

bowing (at right angles to direction of production)

displacement of the pattern alignment across the width of the carpet so that repeated design features are displaced from a line at right angles to the direction of production. This displacement is usually at its greatest extent in the centre of the carpet width (Figure 2)

3.4

length (rugs)

linear dimension of the longest side

3.5

length (carpet roll)

linear dimension parallel to the direction of production

3.6

pattern repeat

smallest part of the pattern that contains all its characteristics

3.7

skewness

situation in which lines drawn through repeated design features both parallel to and perpendicular to the production direction are not at right angles to each other (Figure 4)