

STN	Pružné, textilné a laminátové podlahové krytiny. Normalizované symboly pre podlahové krytiny.	STN P CEN/TS 15398
		80 4455

Resilient, textile and laminate floor coverings - Floor covering standard symbols - Complementary element

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 04/16

Táto predbežná STN je určená na overenie. Pripomienky zasielajte ÚNMS SR najneskôr do januára 2018.

Obsahuje: CEN/TS 15398:2016

Oznámením tejto normy sa ruší
STN P CEN/TS 15398 (80 4455) z októbra 2008

122605

English Version

Resilient, textile and laminate floor coverings - Floor covering standard symbols - Complementary element

Revêtements de sol résilients, textiles et stratifiés -
Symboles normalisés de revêtements de sol

Elastische, textile und Laminat-Bodenbeläge -
Standardisierte Symbole für Bodenbeläge

This Technical Specification (CEN/TS) was approved by CEN on 24 November 2015 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.

CEN members are required to announce the existence of this CEN/TS in the same way as for an EN and to make the CEN/TS available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force (in parallel to the CEN/TS) until the final decision about the possible conversion of the CEN/TS into an EN is reached.

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
European foreword.....	3
Introduction	4
1 Scope.....	5
2 Normative references.....	5
3 Descriptions and definitions of symbols	7
3.1 General.....	7
3.2 Classification according to EN ISO 10874.....	7
3.3 Pictograms related to essential requirements.....	10
3.3.1 General.....	10
3.3.2 CE marking.....	10
3.3.3 Electrical behaviour	10
3.3.4 Fire.....	11
3.3.5 Slip	13
3.3.6 Water tightness.....	14
3.3.7 Dangerous substances.....	14
3.3.8 Thermal resistance.....	15
3.4 Additional characteristics.....	16
3.4.1 General.....	16
3.4.2 Castor chair suitability.....	16
3.4.3 Stairs suitability.....	16
3.4.4 Fraying behaviour.....	17
3.4.5 Luxury classes	17
3.4.6 Light fastness	18
3.4.7 Acoustic properties	18
3.4.8 Resistance	19
3.4.9 Locking strength.....	20
3.4.10 Swelling.....	21
3.4.11 Flexibility	21
3.4.12 Dimensional stability.....	21
3.4.13 Residual indentation.....	22
3.4.14 Effect of a furniture leg.....	22
3.4.15 Enhanced slip property.....	22
3.4.16 Suitability for use in incidental humid conditions.....	23
3.4.17 Horizontal electrical resistance.....	23
3.4.18 Roll length and roll width	24
3.4.19 Thickness characteristics.....	24
3.4.20 Tile size	25
3.4.21 Total mass.....	25
3.4.22 Light reflection.....	25
3.5 Fibre composition (only of relevance for textile floorcoverings)	25
3.6 Underlays for laminate floorcoverings	28
3.7 Environmental Product Declaration.....	29
Bibliography.....	30

European foreword

This document (CEN/TS 15398:2016) has been prepared by Technical Committee CEN/TC 134 “Resilient, textile and laminate floor coverings”, the secretariat of which is held by NBN.

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 CEN/TS 15398:2008.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to announce this Technical Specification: 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.

Introduction

Resilient, textile and laminate floor coverings and in case of floating installation with underlays, the combination of these floorcoverings with underlays, have a number of specific characteristics and are classified in a number of use classes.

In order to make the classification and these specific characteristics understandable and recognizable to the consumer, graphic symbols have been developed.

For practical reasons, only symbols for characteristics linked directly to a European or ISO Standard have been developed.

Copyright: This document and these symbols are copyright protected by CEN. The symbols may not be altered, changed in any way except size and colour. Similarly, no parts or elements of these symbols may be copied or redesigned in order to create new symbols not included in this document. These symbols can only be used when the product is tested or classified according to the related standard.

1 Scope

This Technical Specification establishes a system of graphic symbols for use in the marking of the following floor coverings and specifies the use of these symbols:

- resilient floor coverings manufactured from plastics, linoleum, cork or rubber, excluding loose-laid mats;
- textile floor coverings, excluding loose-laid mats;
- laminate floor coverings;
- floor panels for floating installation.

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 425, *Resilient and laminate floor coverings - Castor chair test*

EN 438-1, *High-pressure decorative laminates (HPL) - Sheets based on thermosetting resins (Usually called Laminates) - Part 1: Introduction and general information*

EN 660-2, *Resilient floor coverings - Determination of wear resistance - Part 2: Frick-Taber test*

EN 669, *Resilient floor coverings - Determination of dimensional stability of linoleum tiles caused by changes in atmospheric humidity*

EN 717-1, *Wood-based panels - Determination of formaldehyde release - Part 1: Formaldehyde emission by the chamber method*

EN 717-2, *Wood-based panels - Determination of formaldehyde release - Part 2: Formaldehyde release by the gas analysis method*

EN 985, *Textile floor coverings - Castor chair test*

EN 986, *Textile floor coverings - Tiles - Determination of dimensional changes due to the effects of varied water and heat conditions and distortion out of plane*

EN 994, *Textile floor coverings - Determination of the side length, squareness and straightness of tiles*

EN 1081, *Resilient floor coverings - Determination of the electrical resistance*

EN 1307, *Textile floor coverings - Classification*

EN 1399, *Resilient floor coverings - Determination of resistance to stubbed and burning cigarettes*

EN 1814, *Textile floor coverings - Determination of resistance to damage at cut edges using the modified Vettermann drum test*

EN 1815, *Resilient and textile floor coverings - Assessment of static electrical propensity*

EN 1963, *Textile floor coverings — Tests using the Lisson Tretrad Machine*

CEN/TS 15398:2016 (E)

EN 13329, *Laminate floor coverings — Elements with a surface layer based on aminoplastic thermosetting resins — Specifications, requirements and test methods*

EN 13501-1, *Fire classification of construction products and building elements — Part 1: Classification using data from reaction to fire tests*

EN 13553, *Resilient floor coverings - Polyvinyl chloride floor coverings for use in special wet areas - Specification*

EN 13745, *Surfaces for sports areas - Determination of specular reflectance*

EN 13845, *Resilient floor coverings - Polyvinyl chloride floor coverings with particle based enhanced slip resistance - Specification*

EN 13893, *Resilient, laminate and textile floor coverings - Measurement of dynamic coefficient of friction on dry floor surfaces*

EN 14041, *Resilient, textile and laminate floor coverings - Essential characteristics*

EN 14215, *Textile floor coverings - Classification of machine-made pile rugs and runners*

EN 14978, *Laminate floor coverings - Elements with acrylic based surface layer, electron beam cured - Specifications, requirements and test methods*

EN 15468, *Laminate floor coverings - Elements with directly applied printing and resin surface layer - Specifications, requirements and test methods*

EN 16205, *Laboratory measurement of walking noise on floors*

CEN/TS 16354, *Laminate floor coverings - Underlays - Specification, requirements and test methods*

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 354, *Acoustics - Measurement of sound absorption in a reverberation room (ISO 354)*

EN ISO 717-2, *Acoustics - Rating of sound insulation in buildings and of building elements - Part 2: Impact sound insulation (ISO 717-2)*

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

EN ISO 11654, *Acoustics - Sound absorbers for use in buildings - Rating of sound absorption (ISO 11654)*

EN ISO 14025, *Environmental labels and declarations - Type III environmental declarations - Principles and procedures (ISO 14025)*

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

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

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

EN ISO 26987, *Resilient floor coverings - Determination of staining and resistance to chemicals (ISO 26987)*

ISO 1765, *Machine-made textile floor coverings — Determination of thickness*

ISO 6356, *Textile and laminate floor coverings — Assessment of static electrical propensity — Walking test*

ISO 8302, *Thermal insulation — Determination of steady-state thermal resistance and related properties — Guarded hot plate apparatus*

ISO 8543, *Textile floor coverings — Methods for determination of mass*

ISO 10965, *Textile floor coverings — Determination of electrical resistance*

ISO 24334, *Laminate floor coverings — Determination of locking strength for mechanically assembled panels*

ISO 24338, *Laminate floor coverings — Determination of abrasion resistance*

ISO 24343 (all parts), *Resilient and laminate floor coverings — Determination of indentation and residual indentation*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN