

SLOVENSKI STANDARD

SIST-TS CEN/TS 15398:2016

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Nadomešča:

SIST-TS CEN/TS 15398:2008

Netekstilne, tekstilne in laminatne talne obloge - Standardni simboli za talne obloge - Komplementarni element

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

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

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

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ICS:

01.080.20	Grafični simboli za posebno opremo	Graphical symbols for use on specific equipment
59.080.60	Tekstilne talne obloge	Textile floor coverings
97.150	Netekstilne talne obloge	Non-textile floor coverings

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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.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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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.

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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.

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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*

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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*

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3 Descriptions and definitions of symbols

3.1 General

If a specific standard is not valid for all three product groups, the relevant product group(s) will be mentioned below using one of the following abbreviations:

T = Textile floor coverings; **R** = Resilient floor coverings; **L** = Laminate floor coverings.

Where relevant the value of the technical characteristic needs to be given in the technical documentation. For example the pictogram for thermal resistance (Figure 35) should be accompanied by the value of the thermal resistance.

3.2 Classification according to EN ISO 10874

In EN ISO 10874 a classification system for different use classes is described, with references to the relevant product standards. In the following the pictograms, as defined in EN ISO 10874.

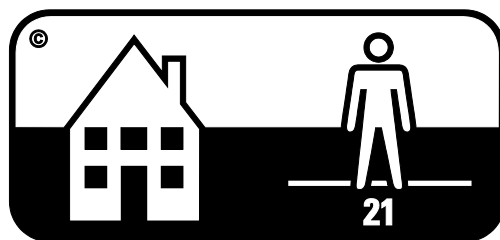


Figure 1 — Class 21 Domestic moderate/light

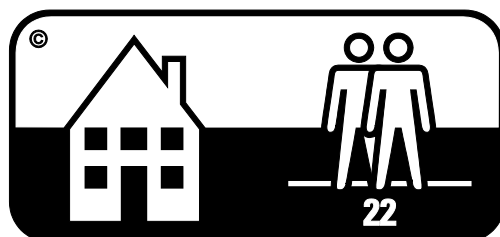


Figure 2 — Class 22 Domestic general/medium



Figure 3 — Class 22+ Domestic general

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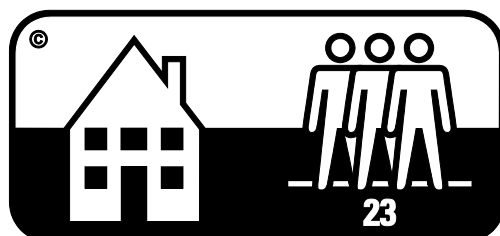


Figure 4 — Class 23 Domestic heavy

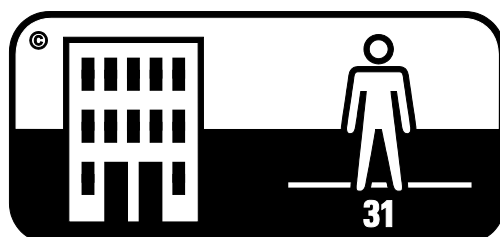


Figure 5 — Class 31 Commercial moderate

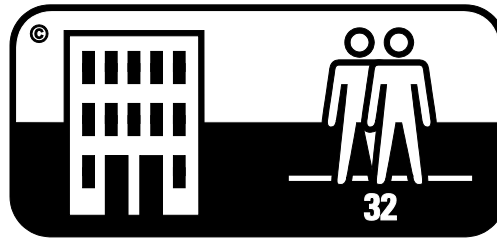


Figure 6 — 32 Commercial general

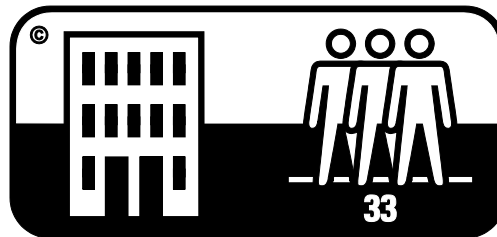


Figure 7 — Class 33 Commercial heavy

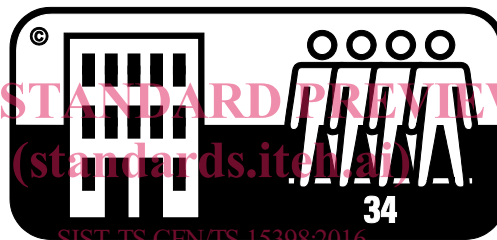


Figure 8 — Class 34 Commercial very heavy

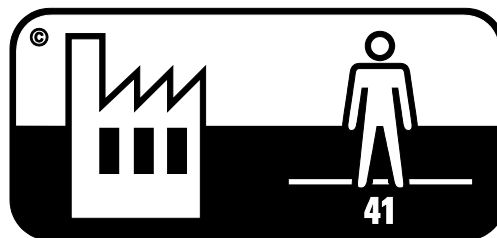


Figure 9 — Class 41 Industrial moderate

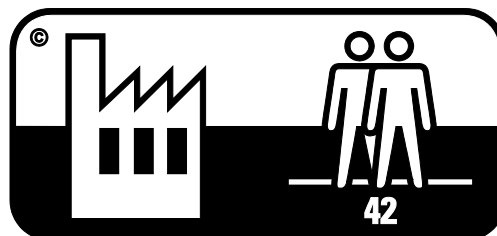


Figure 10 — Class 42 Industrial general

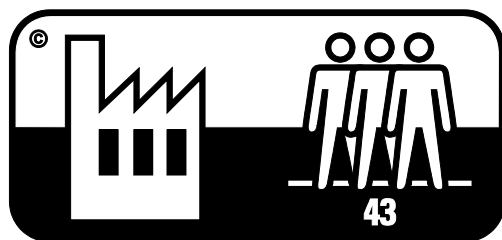


Figure 11 — Class 43 Industrial heavy

3.3 Pictograms related to essential requirements

3.3.1 General

EN 14041 specifies the health, safety and energy saving requirements of floor coverings under the CE marking.

3.3.2 CE marking



Figure 12 — CE mark (EU Regulation 765/2008/EC, Annex II)

3.3.3 Electrical behaviour

The electrical behaviour of textile, laminate and resilient floor coverings – antistatic floor covering - is specified in EN 14041 (R + L + T), EN 1815 (R+L), ISO 6356 (T).

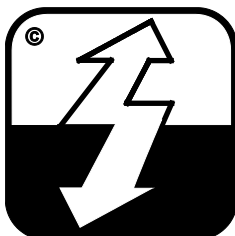


Figure 13 — Electrical behaviour - Antistatic floor covering

The electrical behaviour of textile, laminate and resilient floor covering – vertical resistance is specified in EN 14041(R+L+T), EN 1081 (R+L), ISO 10965 (T).

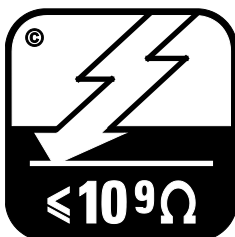


Figure 14 — Electrical behaviour - Vertical resistance - Static dissipative floor covering