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Wood-based panels - Wood veneer floor coverings

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. 01/18

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Podľa zákona č. 264/1999 Z. z. o technických požiadavkách na výrobky a o posudzovaní zhody a o zmene a doplnení niektorých zákonov v znení neskorších predpisov sa slovenská technická norma a časti slovenskej technickej normy môžu rozmnožovať alebo rozširovať len so súhlasom slovenského národného normalizačného orgánu.

EUROPEAN STANDARD

EN 14354

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

Wood-based panels - Wood veneer floor coverings

Panneaux à base de bois - Revêtements de sol à placage
bois

Holzwerkstoffe - Furnierte Fußbodenbeläge

This European Standard was approved by CEN on 27 February 2017.

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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European foreword

This document (EN 14354:2017) has been prepared by Technical Committee CEN/TC 112 “Wood-based panels”, the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by January 2018, and conflicting national standards shall be withdrawn at the latest by January 2018.

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 EN 14354:2004.

Compared to EN 14354:2004 the following modifications have been made:

- a) definitions of lacquered and oiled surfaces were introduced;
- b) deletion of requirements on humidity variations as in 4.3;
- c) modifications of classification on wear resistance in Table 2 with two methods of testing;
- d) requirement for the locking strength in Table 2 for the classes 32 and 33;
- e) modified test method for abrasion resistance in Annex D;
- f) new method for abrasion resistance in Annex E;
- g) reference to test according ISO 24339 in Annex G.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

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1 Scope

This European Standard defines terms and specifies requirements and test methods for wood veneer floor coverings with multilayer built up for internal use. It gives guidance for the evaluation of conformity of the products to the requirements of this standard.

This European Standard is not applicable to multilayer parquet elements with a minimum top layer thickness of 2,5 mm. For these products EN 13489 applies.

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 319, *Particleboards and fibreboards — Determination of tensile strength perpendicular to the plane of the board*

EN 322, *Wood-based panels — Determination of moisture content*

EN 438-2:2016, *High-pressure decorative laminates (HPL) — Sheets based on thermosetting resins (usually called laminates) — Part 2: Determination of properties*

EN 1534, *Wood flooring — Determination of resistance to indentation — Test method*

EN 13329:2016, *Laminate floor coverings — Elements with a surface layer based on aminoplastic thermosetting resins — Specifications, requirements and test methods*

EN 13442, *Wood flooring and wood panelling and cladding — Determination of the resistance to chemical agents*

EN 16094, *Laminate floor coverings — Test method for the determination of micro-scratch resistance*

EN 60454-2, *Specification for pressure-sensitive adhesive tapes for electrical purposes — Part 2: Methods of test (IEC 60454-2)*

EN ISO 868:2003, *Plastics and ebonite — Determination of indentation hardness by means of a durometer (Shore hardness) (ISO 868:2003)*

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

EN ISO 6506-1, *Metallic materials — Brinell hardness test — Part 1: Test method (ISO 6506-1)*

ISO 48, *Rubber, vulcanized or thermoplastic — Determination of hardness (hardness between 10 IRHD and 100 IRHD)*

ISO 7267-2, *Rubber-covered rollers — Determination of apparent hardness — Part 2: Shore-type durometer method*

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

ISO 24339, *Laminate and textile floor coverings — Determination of dimensional variations after exposure to humid and dry climate conditions*

ASTM D 785, *Standard test method for Rockwell hardness of plastics and electrical insulating materials*

FEPA-Standard 42-1, *Grains of fused aluminium oxide, silicon carbide and other abrasive materials for bonded abrasives and for general applications Macrogrits F 4 to F 220*

FEPA-standard 44-1, *Grains of fused aluminium oxide and silicon carbide abrasive materials — Part 1: Determination of bulk density — Macrogrits F and P series*

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