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Furniture - Assessment of the surface resistance to abrasion

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. 03/24

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 15185

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Supersedes EN 15185:2011

English Version

**Furniture - Assessment of the surface resistance to
abrasion**

Ameublement - Évaluation de la résistance de la
surface à l'abrasion

Möbel - Bewertung der Abriebfestigkeit von
Oberflächen

This European Standard was approved by CEN on 27 November 2023.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and United Kingdom.



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN 15185:2023 (E)

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EN 15185:2023 (E)**European foreword**

This document (EN 15185:2023) has been prepared by Technical Committee CEN/TC 207 “Furniture”, the secretariat of which is held by UNI.

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of an identical text or by endorsement, at the latest by June 2024, and conflicting national standards shall be withdrawn at the latest by June 2024.

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 15185:2011.

Compared with EN 15185:2011, the following modifications have been made:

- a) deviations of 5.4 “Test apparatus” modified and additional bullet regarding table rotary speed added;
- b) revision of 7.2 “Calibration of abrasive paper” and formula added for calculating a correction factor;
- c) revision of title 7.4.2 to “Foil, uncoated and coated laminate and melamine faced boards”;
- d) revision of title 7.4.4 to “Transparent lacquers on wood or lignocellulosic-substrates” and modified IP;
- e) completion of the statement on A.3.4 “Alignment - Dual head abrader”;
- f) Annex C deleted;
- g) the significant changes in the revised edition are now given in the European foreword;
- h) Bibliography updated;
- i) document editorially revised in its entirety.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

1 Scope

This document specifies a method for the assessment of the abrasion resistance of surfaces with glued paper based decor finish foils or glued polymer based foils, laminates, melamine faced boards, pigmented and transparent lacquers.

It does not apply to leather and textile surfaces.

It does not apply to the surfaces covered by EN 14434.

The test is intended to be carried out on an unused part of the finished furniture, but can be carried out on test panels of the same material, finished in an identical manner to the finished product, and of a size sufficient to meet the requirements of the test.

The test is intended to be carried out on unused surfaces.

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.

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

ISO 9352, *Plastics — Determination of resistance to wear by abrasive wheels*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN