

Mööbel. Pinna kulumiskindluse hindamine

Furniture - Assessment of the surface resistance to abrasion

This document is a preview generated by EVS

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 15185:2011 sisaldab Euroopa standardi EN 15185:2011 ingliskeelset teksti.</p> <p>Standard on kinnitatud Eesti Standardikeskuse 31.05.2011 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 04.05.2011.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 15185:2011 consists of the English text of the European standard EN 15185:2011.</p> <p>This standard is ratified with the order of Estonian Centre for Standardisation dated 31.05.2011 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.</p> <p>Date of Availability of the European standard text 04.05.2011.</p> <p>The standard is available from Estonian standardisation organisation.</p>
--	---

ICS 97.140

Standardite reprodutseerimis- ja levitamiseõigus kuulub Eesti Standardikeskusele

Andmete paljundamine, taastekitamine, kopeerimine, salvestamine elektroonilisse süsteemi või edastamine ükskõik millises vormis või millisel teel on keelatud ilma Eesti Standardikeskuse poolt antud kirjaliku loata.

Kui Teil on küsimusi standardite autorikaitse kohta, palun võtke ühendust Eesti Standardikeskusega:
Aru 10 Tallinn 10317 Eesti; www.evs.ee; Telefon: 605 5050; E-post: info@evs.ee

Right to reproduce and distribute belongs to the Estonian Centre for Standardisation

No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying, without permission in writing from Estonian Centre for Standardisation.

If you have any questions about standards copyright, please contact Estonian Centre for Standardisation:
Aru str 10 Tallinn 10317 Estonia; www.evs.ee; Phone: 605 5050; E-mail: info@evs.ee

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 24 March 2011.

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, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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

Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents	Page
Foreword.....	3
1 Scope	3
2 Normative references	3
3 Terms and definitions	4
4 Principle.....	4
5 Apparatus and materials.....	4
5.1 Cleaning cloth	4
5.2 Calibration plates.....	4
5.3 Abrasion paper strips.....	5
5.4 Test apparatus	5
5.5 Balance	5
5.6 Conditioning chamber.....	5
5.7 Diffuse light source	5
6 Preparation and conditioning.....	6
6.1 Conditioning.....	6
6.2 Test surface.....	6
6.3 Preparation of test surfaces and abrasive paper	6
7 Test procedure	6
7.1 Preparation of abrasive wheels.....	6
7.2 Calibration of abrasive paper	6
7.3 Abrasion of test area	7
7.4 Determination of Initial Wear Point (IP)	7
7.4.1 General.....	7
7.4.2 Foil, laminate and melamine faced boards	8
7.4.3 Pigmented lacquers.....	8
7.4.4 Transparent coatings	8
8 Assessment of results	8
9 Test report	9
Annex A (normative) Calibration and maintenance of abrasion equipment.....	10
A.1 General.....	10
A.2 Apparatus	10
A.2.1 Calibration block.....	10
A.2.2 Feeler gauges.....	10
A.2.3 Shim washers.....	10
A.3 Procedure	11
A.3.1 Bearing wear	11
A.3.2 Shaft wear	11
A.3.3 Alignment	11
A.3.4 Alignment – dual head abradar	11
Annex B (normative) Examples of abrasion traces	14
Annex C (informative) Significant technical changes in revised edition of this standard	16
Bibliography.....	17

Foreword

This document (EN 15185:2011) 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 November 2011, and conflicting national standards shall be withdrawn at the latest by November 2011.

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 15185:2005.

Annex C lists the significant changes in the revised edition of this standard.

According to the CEN/CENELEC Internal Regulations, the national standards organizations 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, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This European Standard specifies a method for the assessment of the abrasion resistance of surfaces referred to under 7.4.

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 a 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 shall be carried out on unused surfaces.

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.

EN ISO 6506-1, *Metallic materials – Brinell hardness test – Part 1: Test method (ISO 6506-1:2005)*

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