

ICS 97.140

English Version

Furniture - Assessment of the surface resistance to abrasion

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

Möbel - Bewertung der Abriebfestigkeit von Oberflächen

This Technical Specification (CEN/TS) was approved by CEN on 1 October 2005 for provisional application.

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Foreword

This Technical Specification (CEN/TS 15185:2005) has been prepared by Technical Committee CEN/TC 207 "Furniture", the secretariat of which is held by UNI.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to announce this CEN Technical Specification: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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1 Scope

This Technical Specification specifies a method for the assessment of the abrasion resistance of foil, laminate and melamine faced boards, and clear or pigmented lacquers.

It does not apply to finishes on leather and fabrics.

It does not apply to writing boards, covered by EN 14434.

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

It is essential that the test 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 6506-1:1999)*

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

3 Terms and definitions

For the purposes of this Technical Specification, the following terms and definitions apply.

3.1

test unit

finished item of furniture

3.2

test surface

part of the test unit, where the test area is included

3.3

test panel

panel produced in the same way as the test surface; it should be used when it is not possible to carry out the test directly on the test surface

3.4

test area

area under the wheels covered by the abrasion paper, see 5.3

3.5

test atmosphere

atmosphere where the test is carried out