

Mööbel. Pinna peegeldusvõime määramine

Furniture - Measurement of the surface reflectance

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 13721:2004 sisaldab Euroopa standardi EN 13721:2004 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 26.10.2004 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 13721:2004 consists of the English text of the European standard EN 13721:2004.</p> <p>This document is endorsed on 26.10.2004 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala:</p> <p>This European standard specifies a method for the assessment of the surface reflectance of furniture surfaces and relates to rigid surfaces of all finished products regardless of materials, except for finishes on leather and fabrics, which are excluded from this European Standard.</p>	<p>Scope:</p> <p>This European standard specifies a method for the assessment of the surface reflectance of furniture surfaces and relates to rigid surfaces of all finished products regardless of materials, except for finishes on leather and fabrics, which are excluded from this European Standard.</p>
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ICS 97.140

Võtmesõnad:

English version

Furniture - Assessment of the surface reflectance

Meubles - Evaluation de la luminance lumineuse des
surfaces

Möbel - Bewertung des Oberflächenreflexionsgrades

This European Standard was approved by CEN on 13 May 2004.

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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 Central Secretariat has the same status as the official versions.

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Foreword

This document (EN 13721:2004) 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 January 2005, and conflicting national standards shall be withdrawn at the latest by January 2005.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: 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.

1 Scope

This document specifies a method for the assessment of the surface reflectance of furniture surfaces and relates to rigid surfaces of all finished products regardless of materials, except for finishes on leather and fabrics, which are excluded from this document.

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 of a size sufficient to meet the requirements of the test.

The test method does not apply to extreme reflectances, i.e. below 15 % and above 75 %, because in the extreme reflectance range the results of the different measurement methods could deviate.

It is not applicable to some metallic paints and pearly coatings.

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.

ISO 7724-1:1984, *Paints and varnishes - Colorimetry Part 1: Principles*

ISO 7724-2, *Paints and varnishes – Colorimetry - Part 2: Colour measurement*

CIE 1931, Standard colorimetric colour coordinates

CIE 1964, Colorimetry, CIE Standard Recommendations

3 Terms and definitions

For the purposes of this document the following terms and definitions apply.

3.1 reflectance

ratio of the radiant flux reflected in the directions within a given cone to that reflected in the same directions by a perfect reflecting diffuser identically irradiated in the observed wavelength interval (called spectral reflectance factor $R(\lambda)$ in ISO 7724-1:1984)

3.2 trichromatic compound or lightness factor, Y

value given by the equation in clause 10 of this document

3.3 test unit

finished item of furniture

3.4 test surface

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