

Visual assessment of furniture surfaces (corrected  
version 09.2019)

This document is a preview generated by EVS

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

See Eesti standard EVS-EN 17214:2019 sisaldab Euroopa standardi EN 17214:2019 ingliskeelset teksti.	This Estonian standard EVS-EN 17214:2019 consists of the English text of the European standard EN 17214:2019.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 31.07.2019.	Date of Availability of the European standard is 31.07.2019.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile [standardiosakond@evs.ee](mailto:standardiosakond@evs.ee).

ICS 97.140

Standardite reprodutseerimise ja levitamise õigus kuulub Eesti Standardikeskusele

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

Kui Teil on küsimusi standardite autorikaitse kohta, võtke palun ühendust Eesti Standardikeskusega:

Koduleht [www.evs.ee](http://www.evs.ee); telefon 605 5050; e-post [info@evs.ee](mailto:info@evs.ee)

The right to reproduce and distribute standards 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 a written permission from the Estonian Centre for Standardisation.

If you have any questions about copyright, please contact Estonian Centre for Standardisation:

Homepage [www.evs.ee](http://www.evs.ee); phone +372 605 5050; e-mail [info@evs.ee](mailto:info@evs.ee)

EUROPEAN STANDARD

**EN 17214**

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2019

ICS 97.140

English Version

## Visual assessment of furniture surfaces

Evaluation visuelle de la surface des meubles

Visuelle Bewertung von Möbeloberflächen

This European Standard was corrected and reissued by the CEN-CENELEC Management Centre on 25 September 2019.

This European Standard was approved by CEN on 26 May 2019.

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, Turkey 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**

<b>Contents</b>	Page
<b>European foreword</b> .....	3
<b>1 Scope</b> .....	4
<b>2 Normative references</b> .....	4
<b>3 Terms and definitions</b> .....	4
<b>4 Assessment equipment</b> .....	5
<b>4.1 Cleaning solution</b> .....	5
<b>4.2 Lighting</b> .....	5
<b>4.3 Holder for furniture components</b> .....	5
<b>4.4 Assessment template</b> .....	6
<b>4.5 Light box</b> .....	7
<b>4.6 Test pattern</b> .....	7
<b>4.7 Rating code scale</b> .....	8
<b>5 Testing and assessment</b> .....	9
<b>5.1 General</b> .....	9
<b>5.2 Procedure A for visual assessment of furniture components at the incoming and outgoing inspection in the factory</b> .....	9
<b>5.3 Procedure B for visual assessment of furniture components with high-gloss finishes at incoming and outgoing inspections in the factory</b> .....	10
<b>5.4 Procedure C for on-site visual assessment of installed furniture components</b> .....	11
<b>5.4.1 Assessment for flaws</b> .....	11
<b>5.4.2 Assessment for colour, gloss and structural discrepancies and deviations in decorative prints</b> .....	12
<b>6 Test report</b> .....	12
<b>Annex A (informative) Selection of flaws</b> .....	14
<b>Annex B (normative) Figures for assessment by inspection procedure B (Grade 5 to 1)</b> .....	15
<b>Bibliography</b> .....	23

## European foreword

This document (EN 17214:2019) 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 2020, and conflicting national standards shall be withdrawn at the latest by January 2020.

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.

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 Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

## 1 Scope

This document defines visual assessment procedures for the appearance of furniture surfaces with regard to surface defects and colour and gloss variations.

It is not applicable to constructive features or geometric dimensions, e.g. parallelism of edges.

This standard is applicable to all furniture surfaces except textile and leather surfaces.

It applies to the incoming and outgoing goods inspections, as well as local assessments.

## 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 3668:2001, *Paints and varnishes — Visual comparison of the colour of paints (ISO 3668:1998)*

ISO 1065:1991, *Non-ionic surface-active agents obtained from ethylene oxide and mixed non-ionic surface-active agents — Determination of cloud point*

## 3 Terms and definitions

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

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

### 3.1

#### **normal position**

position of the furniture item when used as intended

### 3.2

#### **visual assessment**

assessment of the furniture surface under specified conditions

### 3.3

#### **overall impression**

regularity in the arrangement of individual items of furniture that belong together and of their parts in relation to one another, or of individual parts of an item of furniture, from a distance according to the size of the furniture component

### 3.4

#### **detailed impression**

regularity of a surface of furniture items from a short distance (from 0,25 m to 1 m) according to the intended use of the furniture