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Furniture — Assessment of surface resistance to cold liquids

ICS 97.140

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The UK participation in its preparation was entrusted by Technical Committee FW/0, Furniture, to Subcommittee FW/0/1 Common Test Methods for Furniture.

A list of organizations represented on this committee can be obtained on request to its secretary.

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EUROPÄISCHE NORM

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ICS 97.140

English Version

Furniture - Assessment of surface resistance to cold liquids

Meubles - Évaluation de la résistance de la surface aux
liquides froids

Möbel - Bewertung der Beständigkeit von Oberflächen
gegen kalte Flüssigkeiten

This European Standard was approved by CEN on 3 January 2009 and includes Amendment 1 approved by CEN on 3 September 2013.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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Foreword

This document (EN 12720:2009+A1:2013) 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of an identical text or by endorsement, at the latest by April 2014, and conflicting national standards shall be withdrawn at the latest by April 2014.

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 includes Amendment 1 approved by CEN on 2013-09-03.

This document supersedes A1 EN 12720:2009 A1.

The start and finish of text introduced or altered by amendment is indicated in the text by tags A1 A1.

Informative A1 Annex B A1 provides details of significant technical changes between this European Standard and the previous edition.

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, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

1 Scope

This European standard specifies a method for the assessment of the resistance to cold liquids of all rigid furniture surfaces regardless of materials.

It does not apply to leather and textile surfaces.

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.

The type and number of test liquids (Annex A) and the test periods (Table 1) shall be stated in requirement specifications or shall be agreed upon between purchaser and supplier or interested parties.

Annex A (normative) includes a selection of suitable test liquids. Other liquids can be used if required.

A1 *deleted text* **A1**

2 Normative references

A1 The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies. **A1**

EN ISO 105 – E04:1996, *Textiles – Tests for colour fastness – Part E04: Colour fastness to perspiration (ISO 105-E04:1994)*

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.

3.1

test panel

panel including the test surface

NOTE It may be cut from a finished item of furniture or it may be a separate panel produced in the same manner as the finished item of furniture.

3.2

test surface

part of the test panel

3.3

test area

part of the test surface under the glass Petri dish (5.2)