

## **Glass in furniture - Test methods**

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## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 14072:2004 sisaldab Euroopa standardi EN 14072:2003 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 28.01.2004 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 14072:2004 consists of the English text of the European standard EN 14072:2003.</p> <p>This document is endorsed on 28.01.2004 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><b>Käsitlusala:</b></p> <p>This European Standard specifies test methods for horizontal and vertical glass used in furniture. It applies to both flat and curved glass. The test methods can be applied to furniture in all fields of application from domestic to contract use. The test methods are designed to represent forces caused by impacts with parts of the human body. The test methods do not apply to glass shelves nor to glass supported over its entire area, including wall fixed mirrors</p>	<p><b>Scope:</b></p> <p>This European Standard specifies test methods for horizontal and vertical glass used in furniture. It applies to both flat and curved glass. The test methods can be applied to furniture in all fields of application from domestic to contract use. The test methods are designed to represent forces caused by impacts with parts of the human body. The test methods do not apply to glass shelves nor to glass supported over its entire area, including wall fixed mirrors</p>
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ICS 81.040.30, 97.140

**Võtmesõnad:**

ICS 81.040.30; 97.140

English version

## Glass in furniture - Test methods

Verre en ameublement - Méthodes d'essai

Glas in Möbeln - Prüfverfahren

This European Standard was approved by CEN on 8 September 2003.

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 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 Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
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## Foreword

This document (EN 14072:2003) 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 May 2004, and conflicting national standards shall be withdrawn at the latest by May 2004.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

## 1 Scope

This European Standard specifies test methods for horizontal and vertical glass used in furniture. It applies to both flat and curved glass.

The test methods can be applied to furniture in all fields of application from domestic to contract use.

The test methods are designed to represent forces caused by impacts with parts of the human body.

The test methods do not apply to glass shelves nor to glass supported over its entire area, including wall fixed mirrors.

The standard does not apply to testing and classification of the glass itself as covered by EN 12600. The standard does not include any requirements.

## 2 Normative references

This European Standard incorporates, by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references, the latest edition of the publication referred to applies (including amendments).

EN ISO 2439, *Flexible cellular polymeric materials — Determination of hardness (indentation technique) (ISO 2439:1997, including Technical Corrigendum 1:1998)*

ISO 7619, *Rubber — Determination of indentation hardness by means of pocket hardness meters*

## 3 General test conditions

### 3.1 Preliminary preparation

Unless otherwise specified in a requirement document, the following conditions apply:

Before any of the tests are commenced, the item shall be old enough to ensure that it has developed its full strength. At least four weeks in normal indoor conditions shall have elapsed between manufacturing (or assembly) and testing in the case of glued joints in timber etc.

The furniture shall be tested as delivered. If of knockdown type, it shall be assembled according to the instructions supplied with the furniture. If the furniture can be assembled or combined in different ways, the most adverse combination shall be used for each test. The same is valid for units that can be combined with other units or components.

The tests shall be carried out in indoor conditions, but if during a test the temperature is outside the range of 15° C to 25° C, the maximum and/or minimum temperature shall be recorded in the test report.

Tighten all assembly fittings before testing.

### 3.2 Tolerances

Unless otherwise stated, the following tolerances apply:

- Masses:  $\pm 0,5$  % of the nominal mass;