MÖÖBEL. ISTMED. PÜSTIVUSE MÄÄRAMINE

Furniture - Seating - Determination of stability



EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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EUROPEAN STANDARD

EN 1022

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2018

ICS 97.140

Supersedes EN 1022:2005

English Version

Furniture - Seating - Determination of stability

Mobilier - Sièges - Détermination de la stabilité

Möbel - Sitzmöbel - Bestimmung der Standsicherheit

This European Standard was approved by CEN on 1 July 2018.

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.

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EUROPEAN COMMITTEE FOR STANDARDIZATION COMITÉ EUROPÉEN DE NORMALISATION EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN 1022:2018) 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of an identical text or by endorsement, at the latest by May 2019, and conflicting national standards shall be withdrawn at the latest by May 2019.

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.

This document supersedes EN 1022:2005.

The main changes with respect to the previous edition are listed below:

- The title and scope of the document has been changed to include seating for all uses.
- All test methods for assessing the stability of seating used in European Standards for furniture have been collated in one document. The document now contains methods that were previously listed in EN 1022, EN 581-2, Outdoor furniture and EN 1335-3, Office Work Chairs.
- Test methods for assessing the stability of office work chairs and all other seating have been harmonised.
- A test method for assessing corner stability has been introduced for all types of chair.

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

1 Scope

This document specifies test methods and requirements for the determination of the stability of all types of seating for adults weighing up to 110 kg, without regard to use, materials, design/construction or manufacturing process.

The test methods described can be used for seating for children and heavier adults by modifying test loads and loading points.

This document does not apply to children's highchairs, table mounted chairs and bath seats which are covered by other European Standards.

2 Normative references

There are no normative references in this document.

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

arm rest

part of the seating able to support the arms of the user when seated, 100 mm or higher above the height of the seat loading point

3.2

back rest

element that supports the back of the user higher than 100 mm above the height of the seat loading point

3.3

foot rest

part intended to support the feet of the user which assists the user getting on or off an item of seating

Note 1 to entry: A foot rest can or cannot be permanently attached to the structure of the item of seating.

3.4

leg rest

extension of the seat area intended to support the legs of the user

Note 1 to entry: A leg rest can or cannot be permanently attached to the structure of the item of seating, and may not be suitable for use as an item of seating itself.

3.5

load bearing structure

load bearing parts of the item of seating such as the frame, seat, back and arm supports and suspension

3.6

lounger

item of seating intended for reclined posture with at least one back rest position such that back rest angle is 45 degrees or less to the horizontal, and a leg rest which is an integral part of the product and intended to support the full body weight of a user