

MÖÖBEL. ISTMED. PÜSTIVUSE MÄÄRAMINE

Furniture - Seating - Determination of stability

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>See Eesti standard EVS-EN 1022:2023 sisaldab Euroopa standardi EN 1022:2023 ingliskeelset teksti.</p> <p>Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 29.11.2023.</p> <p>Standard on kättesaadav Eesti Standardimis-ja Akrediteerimiskeskusest.</p>	<p>This Estonian standard EVS-EN 1022:2023 consists of the English text of the European standard EN 1022:2023.</p> <p>This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.</p> <p>Date of Availability of the European standard is 29.11.2023.</p> <p>The standard is available from the Estonian Centre for Standardisation and Accreditation.</p>
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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 22 October 2023.

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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 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

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European foreword

This document (EN 1022:2023) 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of an identical text or by endorsement, at the latest by May 2024, and conflicting national standards shall be withdrawn at the latest by May 2024.

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 1022:2018.

EN 1022:2023 includes the following significant technical changes with respect to EN 1022:2018:

- The scope has been amended to specifically exclude products that require the user to actively affect stability.
- The definition of arm rest has been improved.
- The sideways stability of seating with swivelling arm rest pads has been defined.
- The standard has been aligned with other standards to refer to single column seating, rather than swivelling seating.
- A modified loading point template has been introduced.
- The sideways stability test for seating with raised side edges has been improved.
- Rearwards stability tests for loungers have been introduced.
- The clarification of rearward stability of multi-position reclining seating has been introduced.
- Requirements for single column seating with reclining back rests and foot/leg rests has been added.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

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 North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye 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 seating for sitting, perching or leaning that requires an action from the user in order to keep the body posture in a stable position.

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

This document contains three Annexes:

Annex A (normative) – Seat loading pad data

Annex B (normative) – Test parameters

Annex C (informative) – Semi-circular section of seat and back loading template

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 terminology databases for use in standardization at the following addresses:

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

3.1

arm rest

part of the seating able to support the arms of the user when seated, with a height above the seat loading point of at least 100 mm, but not greater at any point in the horizontal plane than 400 mm above the seat loading point, extending horizontally forward at least 175 mm from the back loading point

Note 1 to entry: See Figure 1.