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2: OHUTUSNÕUDED JA KATSEMEETODID

Furniture - Chairs and tables for educational
institutions - Part 2: Safety requirements and test
methods

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 1729-2:2023 sisaldab Euroopa standardi EN 1729-2:2023 ingliskeelset teksti.	This Estonian standard EVS-EN 1729-2:2023 consists of the English text of the European standard EN 1729-2:2023.
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 and Accreditation.
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English Version

**Furniture - Chairs and tables for educational institutions -
Part 2: Safety requirements and test methods**

Meubles - Chaises et tables pour les établissements
d'enseignement - Partie 2 : Exigences de sécurité et
méthodes d'essai

Möbel - Stühle und Tische für Bildungseinrichtungen -
Teil 2: Sicherheitstechnische Anforderungen und
Prüfverfahren

This European Standard was approved by CEN on 24 April 2023.

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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 1729-2:2023) 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of an identical text or by endorsement, at the latest by November 2023, and conflicting national standards shall be withdrawn at the latest by November 2023.

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 1729-2:2012+A1:2015.

The EN 1729 series consists of the following parts under the general title *Furniture — Chairs and tables for educational institutions*:

- *Part 1: Functional dimensions*;
- *Part 2: Safety requirements and test methods*.

EN 1729-2:2023 includes the following significant technical changes with respect to EN 1729-2:2012+A1:2015:

- a) extension of scope to include safety requirements and test methods for kindergarten, childcare institutions and early years education settings;
- b) removal of the gloss requirement for tabletops;
- c) additional durability requirements for single column chairs;
- d) additional consideration of chairs with arm rests;
- e) clarification of seat loading points and back loading points;
- f) amendment of some loads and forces;
- g) modification of Annex A” (informative) “Test method for determination of stability of chairs placed on tabletops”;
- h) inclusion of corner stability test for chairs;
- i) inclusion of requirements for auxiliary writing surfaces which are integral part of chairs;
- j) inclusion of forward stability test for tables;
- k) additional safety requirements for chairs sizemarks 0 to 3.

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.

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1 Scope

This document specifies safety requirements and test methods for chairs and tables for general educational purposes in educational institutions including kindergarten, childcare institutions and early years education settings.

It applies to furniture for use with laptop computers or portable devices, but not to special purpose workstations, e.g. laboratories, ranked seating and workshops.

The chairs fulfilling the applicable requirements of this document are suitable for users weighing up to 110 kg.

The figures illustrate test principles only and cannot be used to carry out the tests.

NOTE EN 1729-1 specifies functional dimensions and marking of chairs and tables for general educational institutions.

Annex A (informative) gives a test method for determination of the displacement of chairs placed on tabletops.

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 71-2:2020, *Safety of toys — Part 2: Flammability*

EN 71-3:2019+A1:2021, *Safety of toys — Part 3: Migration of certain elements*

EN 1022:2018, *Furniture — Seating — Determination of stability*

EN 1728:2012, *Furniture — Seating — Test methods for the determination of strength and durability*

EN 1729-1, *Furniture — Chairs and tables for educational institutions — Part 1: Functional dimensions*

EN 1730:2012, *Furniture — Tables — Test methods for the determination of stability, strength and durability*

EN 17191:2021, *Children's Furniture — Seating for children — Safety requirements and test methods*

CEN/TR 17202:2018, *Furniture — General safety guidelines — Entrapment of fingers*

prEN 15372:—,¹ *Furniture — Strength, durability and safety — Requirements for non-domestic tables*

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/>

¹ Under preparation. Stage at the time of publication: prEN 15372:2021.