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Opbevaringsmøbler til kontraktmarkedet – Krav til sikkerhed, styrke, holdbarhed og stabilitet

Non-domestic storage furniture – Requirements for safety, strength, durability and stability



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EUROPÄISCHE NORM

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English Version

Non-domestic storage furniture - Requirements for safety, strength, durability and stability

Meubles de rangement à usage collectif -
Exigences pour la sécurité, la résistance,
la durabilité et la stabilité

Behältnismöbel für den Nicht-Wohnbereich -
Anforderungen an die Sicherheit, Festigkeit,
Dauerhaltbarkeit und Standsicherheit

This European Standard was approved by CEN on 27 November 2023.

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.

CEN members are the national standards bodies of 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 United Kingdom.



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COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document ([EN 16121:2023](#)) 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of an identical text or by endorsement, at the latest by June 2024, and conflicting national standards shall be withdrawn at the latest by June 2024.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 16121:2013+A1:2017](#) and [EN 14073-2:2004](#).

In comparison with the previous version [EN 16121:2013+A1:2017](#) of edition [EN 16121:2013](#) and of edition [EN 14073-2:2004](#), the following technical modifications have been made:

- update on the requirements for finger entrapment reflecting [CEN/TR 17202:2018](#) including an annex containing test methods;
- normative references have been updated;
- requirements for glass have been improved;
- finger entrapment/shear squeeze requirements have been corrected and made applicable to kindergarten only;
- office and laboratory storage have been added to the list of applications;
- the fields of application in relation to the test severity were amended;
- test load added in [Annex E](#).

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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Non-domestic storage furniture – Requirements for safety, strength, durability and stability

1 Scope

This document specifies requirements for the safety, strength, and durability for all types of non-domestic storage furniture including office storage furniture.

It does not apply to domestic storage, industrial storage, kitchen, catering equipment, retail storage, and industrial storage lockers.

Requirements for strength and durability do not apply to the structure of the building for example the strength of wall hanging cabinets includes only the cabinets and the parts used for attachment. The wall and the wall attachments are not included.

This document contains five annexes:

- [Annex A](#) (normative) Test methods for finger entrapment and shear and compression;
- [Annex B](#) (normative) Requirements for schools, kindergartens and similar applications;
- [Annex C](#) (normative) Selecting product from a range of furniture;
- [Annex D](#) (informative) Guidance of test severity in relation to application for non-domestic storage furniture;
- [Annex E](#) (informative) Suggested loads for tests not specified in this document.

It does not include requirements for the resistance to ageing, degradation and flammability.

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 71-1:2014+A1:2018](#), *Safety of toys — Part 1: Mechanical and physical properties*

[EN 716-2:2017](#), *Furniture — Children's cots and folding cots for domestic use — Part 2: Test methods*

[EN 12150-1:2015+A1:2019](#), *Glass in building — Thermally toughened soda lime silicate safety glass — Part 1: Definition and description*

[EN 12600](#), *Glass in building — Pendulum test — Impact test method and classification for flat glass*

[EN 14072:2003](#), *Glass in furniture — Test methods*

[EN 16122:2012](#), *Domestic and non-domestic storage furniture — Test methods for the determination of strength, durability and stability*