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Furniture - Safety, strength and durability - Requirements for domestic seating

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 01/25

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EUROPEAN STANDARD

**EN 12520**

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2024

ICS 97.140

Supersedes EN 12520:2015

English Version

## Furniture - Safety, strength and durability - Requirements for domestic seating

Meubles - Sécurité, résistance et durabilité - Exigences  
relatives aux sièges à usage domestique

Möbel - Sicherheit, Festigkeit und Dauerhaltbarkeit -  
Anforderungen an Sitzmöbel für den Wohnbereich

This European Standard was approved by CEN on 2 September 2024.

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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  
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**EN 12520:2024 (E)**

<b>Contents</b>	<b>Page</b>
<b>European foreword</b> .....	<b>3</b>
<b>1 Scope</b> .....	<b>4</b>
<b>2 Normative references</b> .....	<b>4</b>
<b>3 Terms and definitions</b> .....	<b>4</b>
<b>4 Test sequence</b> .....	<b>5</b>
<b>5 Safety, strength and durability</b> .....	<b>5</b>
<b>5.1 General safety requirements</b> .....	<b>5</b>
<b>5.1.1 General</b> .....	<b>5</b>
<b>5.1.2 Holes in tubular or rigid components</b> .....	<b>6</b>
<b>5.1.3 Shear and compression points</b> .....	<b>6</b>
<b>5.2 Stability</b> .....	<b>6</b>
<b>5.3 Strength and durability</b> .....	<b>6</b>
<b>5.4 Requirements</b> .....	<b>8</b>
<b>6 Information for use</b> .....	<b>9</b>
<b>7 Test report</b> .....	<b>9</b>
<b>Annex A (normative) Seat side-to-side durability test in D-G points</b> .....	<b>10</b>
<b>Annex B (informative) Rationales</b> .....	<b>13</b>
<b>Annex C (normative) Test methods for finger entrapment and shear and compression</b> .....	<b>15</b>
<b>Annex D (normative) Seat loading point for seating with suspended flexible material</b> .....	<b>21</b>
<b>Bibliography</b> .....	<b>22</b>

## European foreword

This document (EN 12520:2024) 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 2025, and conflicting national standards shall be withdrawn at the latest by May 2025.

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 12520:2015.

EN 12520:2024 includes the following significant technical changes with respect to EN 12520:2015:

- updated to reflect the finger entrapment requirements within CEN/TR 17202, including an Annex containing test methods;
- definition of single column seating was added;
- side to side durability test method and requirements for single column seating were added;
- Table 1 updated with information on applicability of test method dependent on type of the seating;
- seat impact test updated with requirements dependent on the seat height adjustability;
- testing of durability of electrically operated seating products added;
- clarification of seat loading point for seating with suspended flexible material by adding Annex D.

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.

## EN 12520:2024 (E)

### 1 Scope

This document specifies the minimum requirements for the safety, strength and durability of all types of domestic seating for adults. It also specifies additional test methods for seat side-to-side durability as well as finger entrapment and shear and compression.

It does not apply to ranked seating, seating for non-domestic use, office work chairs, chairs for educational institutions, outdoor seating and to links for linked seating for which European Standards exist.

It does not include requirements for the durability of upholstery materials, castors, reclining and tilting mechanisms and seat height adjustment mechanisms.

It does not include requirements for electrical safety.

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

The requirements are based on use by persons weighing up to 110 kg.

Annex A (normative) specifies the seat side-to-side durability test in D-G points.

Annex B (informative) gives rationales for some of the tests referred to in Table 1.

Annex C (normative) specifies the test methods for finger entrapment and shear and compression.

Annex D (normative) specifies the seat loading point for seating with suspended flexible material.

### 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 1022:2023, *Furniture — Seating — Determination of stability*

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

EN 13759:2012, *Furniture — Operating mechanisms for seating and sofa-beds — Test methods*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**