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2026-05-26

Udemøbler – Krav til mekanisk sikkerhed og prøvningsmetoder – Del 2: Siddemøbler til campingbrug, til privat brug og til brug på kontraktmarkedet

Outdoor furniture – Mechanical safety requirements and test methods – Part 2: Seating for camping, domestic and contract use

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EUROPEAN STANDARD EN 581-2

EUROPÄISCHE NORM

May 2026

ICS 97.140; 97.200.30

Supersedes EN 581-2:2015

English Version

Outdoor furniture - Mechanical safety requirements and test methods - Part 2: Seating for camping, domestic and contract use

Mobilier d'extérieur - Sièges et tables à usages domestique, collectif et de camping - Partie 2 : Exigences de sécurité mécanique et méthodes d'essai des sièges

Außenmöbel - Mechanische Sicherheitsanforderungen und Prüfverfahren - Teil 2: Sitzmöbel für Camping-, Wohn? und Objektbereich

This European Standard was approved by CEN on 13 April 2026.

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Ref. No. EN 581-2:2026 E

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European foreword

This document (EN 581-2:2026) 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of an identical text or by endorsement, at the latest by November 2026, and conflicting national standards shall be withdrawn at the latest by November 2026.

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 581-2:2015.

EN 581-2:2026 includes the following significant technical changes with respect to EN 581-2:2015:

a) new definitions for camping use, domestic use for contract use have been added;

b) general safety requirements has been added;

c) updated seating requirements for stability to take into account new edition of EN 1022:2023;

d) updated requirements for seating and clarification of the application of certain tests with footnote to tables;

e) Annex A (normative) “Test method for deckchair” has been added;

f) Annex B (informative) “Test method for folding lounger” has been added;

g) Annex C (informative) “Guide to facilitate the identification of deckchairs” has been added;

h) Annex D (informative) “Purchase information (guidelines)” has replaced Annex B;

i) Annex A “Forward and sideways stability tests for loungers” has been deleted;

j) clarification of the instruction for use;

k) clarification of the rearward stability test for camping use.

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.

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1 Scope

This document specifies the minimum requirements for general safety and structural safety which include strength, reliability and stability of all types of outdoor seating for camping use, for domestic use and for contract use, for adults, without regard to materials, design or manufacturing processes.

It does not apply to street furniture.

It does not include requirements for removable upholstery, including the cover and filling.

It does not include requirements for the durability of castors/wheels and height adjustment mechanisms.

It does not include requirements for electrical safety.

It does not include requirements for the resistance to ageing and degradation caused by light, temperature and moisture.

The test requirements contained within this document are based on use by persons weighing up to 110 kg.

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 581-1, *Outdoor furniture — Seating and tables for camping, domestic and contract use — Part 1: General safety requirements*

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

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

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
seating for camping use
seating for outdoor light in weight, intended for occasional use in connection with camping and travelling and can be easily reduced in volume for transporting and storing

Note 1 to entry: Such products are often foldable or knock-down.

3.2
seating for domestic use
outdoor seating intended for private use in places without public access

Note 1 to entry: Such products can be foldable or knock-down.

3.3
seating for contract use
outdoor seating intended for non-private use in places with public access

Note 1 to entry: Such products can be foldable or knock-down.

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3.4
lounger
seating intended for reclined posture with at least one backrest position with an angle θ between 0° and 45° and a leg rest which is integral part of the product and which is intended to support the full body weight of a user

Note 1 to entry: Figure 1 shows θ angle in lounger.

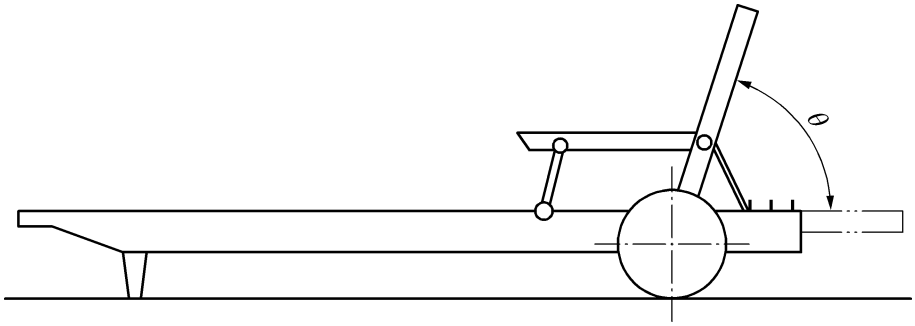


Figure 1 — θ angle in lounger

3.5
street furniture
outdoor furniture used in public space, permanently fixed to the ground or any structure (e.g. bus stop, wall…) or not able to be manually removed

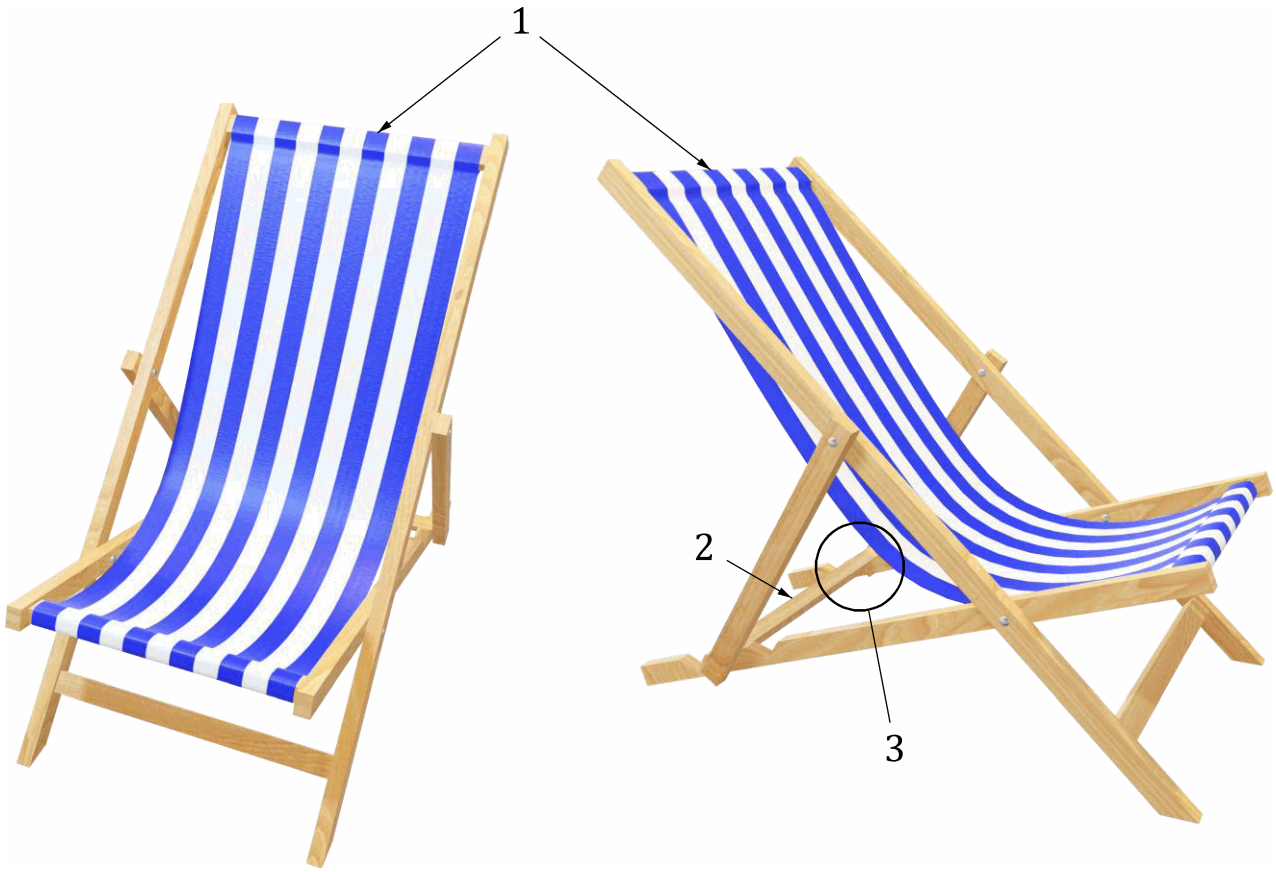
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3.6
deckchair
foldable seating with articulated cross-shaped frame capable of being folded in completely that can be set to one or more predefined positions by means of a locking system at the locking bar and having a frame which supports a flexible sheet suspended in the upper part of the backrest and the front of the seat

Note 1 to entry: Figure 2 shows an example of a typical deckchair.

Note 2 to entry: Figure 3 shows an example of locking system.

Note 3 to entry: A guide to facilitate the identification of deckchairs is provided in Annex C.



Key

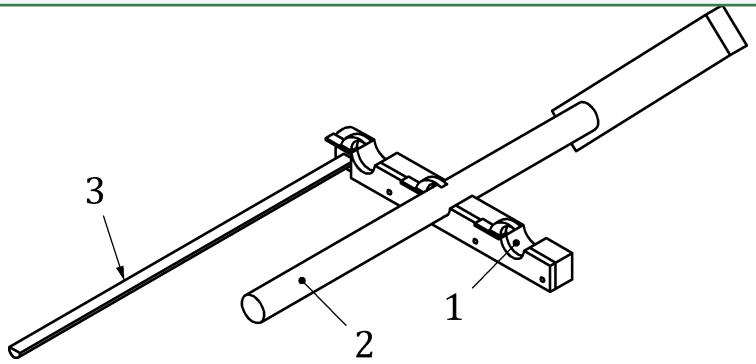
1 upper transverse bar

2 locking bar

3 see Figure 3 for clarification

Figure 2 — Example of a deckchair

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Key

1 locking position

2 locking bar

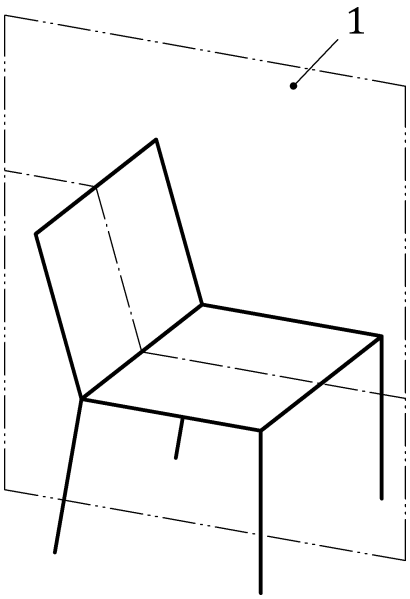
3 lower transverse bar

Figure 3 — Example of locking system

3.7
median plane
vertical plane running from front to rear through the centre of the seat, dividing the chair into two equal parts

Note 1 to entry: See Figure 4.

[SOURCE: EN 1335-1:2020+A1:2022, definition 3.9]



Key

1 median plane

Figure 4 — Illustration of the median plane