



Institut luxembourgeois de la normalisation
de l'accréditation, de la sécurité et qualité
des produits et services

ILNAS-EN 581-2:2015

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

Mobilier d'extérieur - Sièges et tables à
usages domestique, collectif et de
camping - Partie 2: Exigences de sécurité,
de résistance et de durabilité pour les

Außenmöbel - Sitzmöbel und Tische für
den Camping-, Wohn- und Objektbereich
- Teil 2: Mechanische
Sicherheitsanforderungen und



National Foreword

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EUROPEAN STANDARD ^{ILNAS-EN 581-2:2015} **EN 581-2**
NORME EUROPÉENNE
EUROPÄISCHE NORM

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Supersedes EN 581-2:2009

English Version

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

Mobilier d'extérieur - Sièges et tables à usages
domestique, collectif et de camping - Partie 2:
Exigences de sécurité, de résistance et de durabilité
pour les sièges

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

This European Standard was approved by CEN on 12 September 2015.

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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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European foreword

This document (EN 581-2:2015) 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 2016, and conflicting national standards shall be withdrawn at the latest by May 2016.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 581-2:2009.

Compared to the current version, the main modifications are:

- new requirements for tests, and loungers are no longer in an annex but in the standard, which is a simplification of the standard (requirements and clauses harmonized with the Clause 7 of the standard);
- a simplification of chapters has been made: test equipment;
- a modification of reference (EN 1728:2012) has been made.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

1 Scope

This European Standard specifies the minimum requirements for the safety, strength and durability of all types of outdoor seating for adults, without regard to materials, design/construction or manufacturing processes.

It does not apply to street furniture.

It does not apply to removable upholstery and covering.

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

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. 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 1022:2005, *Domestic 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.

3.1

outdoor seating for contract use

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

3.2

outdoor seating for domestic use

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

3.3

outdoor seating for camping use

outdoor seating foldable or knock-down and light-weight, intended for use in connection with camping and travelling

3.4

lounger

seating intended for reclined posture with at least one backrest position with an “teta angle” 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 teta angle in lounger.