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BS EN 581-1:2017



BSI Standards Publication

Outdoor furniture — Seating and tables for camping, domestic and contract use

Part 1: General safety requirements

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This British Standard is the UK implementation of EN 581-1:2017. It supersedes BS EN 581-1:2006 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee FW/0/2, Domestic and Contract Furniture.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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

Mobilier d'extérieur - Sièges et tables à usage
domestique, collectif et de camping - Partie 1 :
Exigences générales de sécurité

Außenmöbel - Sitzmöbel und Tische für den Camping-,
Wohn- und Objektbereich - Teil 1: Allgemeine
sicherheitstechnische Anforderungen

This European Standard was approved by CEN on 9 January 2017.

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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 foreword

This document (EN 581-1:2017) 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of an identical text or by endorsement, at the latest by September 2017, and conflicting national standards shall be withdrawn at the latest by September 2017.

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 581-1:2006.

Compared to EN 581-1:2006, the main modifications are:

- clarification of the definitions (camping, domestic and contract use) taken from Annex B and put in Clause 3 (so Annex B will be superseded),
- test method is deleted, edges and corners are modified to take into account accessible part during use (accessible parts for seating and tables are defined),
- tubular components are defined, requirements for gaps and holes removed,
- addition of an Annex B (informative) as a rationale to explain the risks covered with requirements in Clause 5.

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

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1 Scope

This part of EN 581 specifies the general safety requirements for outdoor seating and tables for camping, domestic and contract for use by adults, without regard to materials, design/construction or manufacturing processes.

It does not apply to seating for spectator facilities.

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

Mechanical safety requirements are covered by EN 581-2 for seating and EN 581-3 for tables.

Annex A (informative) is a schematic presentation of requirements and conditions concerning shear and squeeze points.

Annex B (informative) is a rationale concerning fingers injury.

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 581-2:2015, *Outdoor furniture - Seating and tables for camping, domestic and contract use - Part 2: Mechanical safety requirements and test methods for seating*

EN 581-3:2007, *Outdoor furniture - Seating and tables for camping, domestic and contract use - Part 3: Mechanical safety requirements and test methods for tables*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

automatic locking mechanism

mechanism which engages without guidance by the user and prevents unintended movement

3.2

shear and squeeze point

shear and squeeze points exist if the distance between two accessible parts moving relative to each other can be more or equal than 7 mm and less or equal than 18 mm in any position during movement

3.3

outdoor furniture for contract use

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

3.4

outdoor furniture for domestic use

outdoor furniture intended for private use in places without public access

3.5

outdoor furniture for camping use

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