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BSI Group Headquarters

389 Chiswick High Road London W4 4AL

Tel: +44 (0)20 8996 9000

Fax: +44 (0)20 8996 7400

www.bsigroup.com

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Responsible committee: FW/0/2 Domestic and Contract Furniture

Interested committees:

Title: Draft BS EN 581-3 BS Outdoor furniture - Seating and tables for camping, domestic and contract use. Part 3: Mechanical safety requirements for tables.

Please notify the secretary if you are aware of any keywords that might assist in classifying or identifying the standard or if the content of this standard

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- ii) affects other national standard(s)
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Responsible Committee Secretary: Miss Sarah Horsfield (BSI)

Direct tel: 020 8996 7142

E-mail: sarah.horsfield@bsigroup.com

Full document details: 24/30495464 DC

Introduction

This draft standard is based on national and international discussions. Your comments on this draft are invited and will assist in the preparation of the consequent standard.

For international standards, comments will be reviewed by the relevant UK national committee before sending the consensus UK vote and comments to the international committee, which will then decide appropriate action. If the international standard is approved, it is usual for the text to be published as a British Standard.

For national standards, comments will be reviewed by the relevant UK national committee and the resulting standards published as a British Standard.

UK Vote

Please indicate whether you consider the UK should submit a negative (with supporting technical reasons) or positive vote on this draft. Please indicate if you are aware of any reason why this draft standard should not be published as a British Standard.

Submission of Comments

- **Annotated drafts are not acceptable and will be rejected.**
- All comments should be submitted online at <https://standardsdevelopment.bsigroup.com/>. You will need to register in order to comment.

Template for comments and secretariat observations

Date: xx/xx/20xx	Document: ISO/DIS xxxx
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1	2	(3)	4	5	(6)	7
MB	Clause No./ Subclause No./Annex (e.g. 3.1)	Paragraph/ Figure/Table/Note	Type of comment	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
	3.1	Definition 1	ed	Definition is ambiguous and needs clarifying.	Amend to read '...so that the mains connector to which no connection...'	
	6.4	Paragraph 2	te	The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK.	Delete reference to UV photometer.	

English Version

Outdoor furniture - Seating and tables for camping,
domestic and contract use - Part 3: Mechanical safety
requirements for tables

Mobilier d'extérieur - Sièges et tables à usages
domestique, collectif et de camping - Partie 3 :
Exigences de sécurité mécanique pour les tables

Außenmöbel - Sitzmöbel und Tische für Camping-,
Wohn- und Objektbereich - Teil 3: Mechanische
Sicherheitsanforderungen für Tische

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 207.

If this draft becomes a European Standard, 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.

This draft European Standard was established by CEN 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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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

Warning : This document is not a European Standard. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a European Standard.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (prEN 581-3:2024) has been prepared by Technical Committee CEN/TC 297 “Furniture”, the secretariat of which is held by UNI.

This document is currently submitted to the CEN Enquiry.

This document will supersede EN 581-3:2017.

prEN 581-3:2024 includes the following significant technical changes with respect to EN 581-3:2017:

1 Scope

This document specifies requirements for the safety, strength durability and stability of all types of outdoor tables for use by adults, including those with glass in their construction.

It does not apply to street furniture.

It does not apply to office, worktables and desks and tables and laboratory worktops for educational institutions for which other EN standards exist.

With exception of the stability tests, this document does not provide assessment of the suitability of any storage features included in outdoor tables.

It does not include requirements for electrical safety.

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

This document has three annexes:

- Annex A (normative) Test methods for finger entrapment.
- Annex B (informative) Additional test requirements.
- Annex C (informative) Test severity in relation to application.

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 1730:2012, *Furniture — Tables — Test methods for the determination of stability, strength and durability*

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

EN 12600:2002, *Glass in building — Pendulum test — Impact test method and classification for flat glass*

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

outdoor table for camping use

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

3.2

outdoor table for domestic use

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

3.3**outdoor table for contract use**

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

3.4**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

3.5**accessible part**

part to which access can easily be gained by the user when the table is in its intended configuration of use and for which the probability of unintentional user contact is high, including all parts 500 mm in from the edges users are likely to sit at and 200 mm from all other edges

3.6**part accessible during setting up and folding**

part to which access can only be gained when setting up and folding the table

3.7**extension element**

components that can be pulled out and pushed in

EXAMPLE Drawers, suspended pocket files, keyboard trays.

3.8**ancillary surface**

surface additional to the main surface intending for occasional use as part of a table top

4 Test conditions

General test conditions shall be in accordance with EN 1730:2012, Clause 4.

The tests shall be carried out on the same sample and in the order in which they are listed in Table 2.

5 Safety requirements**5.1 General safety requirements**

The table shall be designed so as to minimize the risk of injury to the user.

All parts of the table with which the user comes into contact during intended use, shall be designed so that physical injury and damage are avoided.

This requirement is met when:

- a) edges which are directly in contact with the user are rounded or chamfered,
- b) all other edges and corners accessible during intended use are free from burrs and/or sharp edges.

Movable and adjustable parts shall be designed so that injuries and inadvertent operation are avoided.

It shall not be possible for any load bearing part of the bed to come loose unintentionally.

It shall not be possible for any load bearing part of the table to come loose unintentionally.