



BSI Standards Publication

Office furniture - Work tables

Part 2: Safety, strength and durability requirements

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National foreword

This British Standard is the UK implementation of EN 527-2:2016+A1:2019. It supersedes BS EN 527-2:2016, which is withdrawn.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to CEN text carry the number of the CEN amendment. For example, text altered by CEN amendment A1 is indicated by A1 A1.

The UK participation in its preparation was entrusted to Technical Committee FW/0/3, Office Furniture.

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

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English Version

Office furniture - Work tables - Part 2: Safety, strength and durability requirements

Mobilier de bureau - Tables de travail de
bureau - Partie 2 : Exigences de sécurité,
de résistance et de durabilité

Büromöbel - Büro-Arbeitstische - Teil
2: Anforderungen an die Sicherheit,
Festigkeit und Dauerhaltbarkeit

This European Standard was approved by CEN on 16 October 2016 and includes Amendment 1 approved by CEN on 1 March 2019.

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European foreword

This document (EN 527-2:2016+A1:2019) 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of an identical text or by endorsement, at the latest by November 2019, and conflicting national standards shall be withdrawn at the latest by November 2019.

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 includes Amendment 1 approved by CEN on 1 March 2019.

The start and finish of text introduced or altered by amendment is indicated in the text by tags **A1** **A1**.

This document supersedes **A1** EN 527-2:2016 **A1**.

Compared to the previous version, modifications are:

- Test sequence and parameters are included, according to tests in EN 1730:2012 instead of EN 527-3:2003, which will be withdrawn;
- Suppression of A-deviation;
- Addition of an [Annex B](#) (informative) for an example of calculation for stiffness of the structure.

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1 Scope

This European Standard specifies safety, strength and durability requirements for work tables and desks for office tasks to be undertaken in a seated, a sit-stand or standing position.

It does not apply to other tables in the office area, which are covered by EN 15372.

[Annex A](#) (informative) contains a test for the deflection of tables tops.

[Annex B](#) (informative) contains an example of calculation of the stiffness of the structure.

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

3 Terms and definitions

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

3.1 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

3.2 part accessible during setting up and folding

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

3.3 shear and squeeze point

gap which can cause harm to fingers and which occurs when two accessible parts move relative to each other

3.4 overturn

event at which a table pivots to a point beyond which the table continues to fall

4 Safety requirements

4.1 General

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.

These requirements are fulfilled when:

- a) all accessible edges and corners are free from burrs and rounded or chamfered;
- b) the edges and corners of the top surfaces are chamfered not less than 1 mm by 1 mm or rounded with a radius of not less than 2 mm;
- c) the ends of feet and tubular components are closed or capped.