

Domestic furniture — Tables — Test methods for determination of strength, durability and stability

The European Standard EN 1730:2000 has the status of a
British Standard

ICS 97.140

National foreword

This British Standard is the official English language version of EN 1730:2000. BS EN 1730:2000, together with BS 4875-5:2001, supersedes BS 4875-5:1985 and BS 4875-6:1985, which have been withdrawn.

The UK participation in its preparation was entrusted to Technical Committee FW/2, Domestic and contract furniture, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

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

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Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 15 and a back cover.

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English version

Domestic furniture - Tables - Test methods for determination of strength, durability and stability

Mobilier domestique - Tables - Méthodes d'essai pour la détermination de la résistance, de la durabilité et de la stabilité

Möbel für den Wohnbereich - Tische - Prüfverfahren zur Bestimmung der Festigkeit, Dauerhaltbarkeit und Standsicherheit

This European Standard was approved by CEN on 8 April 2000.

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CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 207, Furniture, the Secretariat of which is held by IBN.

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of an identical text or by endorsement, at the latest by November 2000, and conflicting national standards shall be withdrawn at the latest by November 2000.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This European Standard specifies test methods for determining the strength, durability and stability of all types of domestic tables without regard to materials, design/construction or manufacturing processes.

The tests are designed to be applied to an article of furniture that is fully assembled and ready for use. Not all tests are necessarily applicable to all types of tables.

This European Standard does not apply to outdoor tables and changing tables, for which specific standards exist.

Test methods for the assessment of ageing and degradation are not included.

This standard does not include any requirements. Safety requirements can be found in prENV 12521:1999.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

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| ISO 48 | Rubber, vulcanized or thermoplastic - Determination of hardness (hardness between 10 IRHD and 100 IRHD). |
| ISO 2439 | Flexible cellular polymeric materials – Determination of hardness (indentation technique). |
| EN 1727 | Domestic furniture - Storage furniture - Safety requirements and test methods |

3 Definitions

For the purpose of this European Standard, the following definitions apply:

3.1 static tests: Tests consisting of heavy loads being applied a few times to ensure that the furniture has sufficient strength under the highest levels of loading that might reasonably be expected to occur.

3.2 impact tests: Tests to assess the strength of the article under shock loading that occasionally occur.

3.3 fatigue tests: Tests simulating the repeated application of loads or movement of components occurring during normal long-term use.

3.4 structure: The load bearing parts of furniture such as the frame, top and legs.

3.5 stability: Ability to withstand forces that tend to cause the article to overturn.

3.6 ancillary surface: A surface additional to the main surface intended for occasional use as part of the table top. e.g. flaps or extension leaves.