



BSI Standards Publication

Furniture — Tables — Test methods for the determination of stability, strength and durability

National foreword

This British Standard is the UK implementation of EN 1730:2012. It supersedes BS EN 1730:2000, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee FW/0/1, Common Test Methods for 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.

© The British Standards Institution 2012.
Published by BSI Standards Limited 2012.

ISBN 978 0 580 73047 4

ICS 97.140

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 October 2012.

Amendments issued since publication

Date	Text affected
------	---------------

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 1730

October 2012

ICS 97.140

Supersedes EN 1730:2000

English Version

**Furniture - Tables - Test methods for the determination of
stability, strength and durability**

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

Möbel - Tische - Prüfverfahren zur Bestimmung der
Standicherheit, Festigkeit und Dauerhaltbarkeit

This European Standard was approved by CEN on 18 August 2012.

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.



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

Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents

Page

Foreword.....	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	4
4 General test conditions	5
4.1 Preliminary preparation	5
4.2 Application of forces	5
4.3 Tolerances	5
5 Test Equipment and Apparatus.....	5
6 Test Procedures - Strength and durability	8
6.1 General.....	8
6.2 Horizontal static load test	8
6.3 Vertical static load tests.....	14
6.3.1 Vertical static load on main surface	14
6.3.2 Additional vertical static load test where the main surface has a length > 1 600 mm	15
6.3.3 Vertical static load on ancillary surface	16
6.4 Horizontal durability and stiffness test	17
6.4.1 General.....	17
6.4.2 Horizontal durability test.....	17
6.4.3 Stiffness of the structure	21
6.5 Vertical durability test	23
6.6 Vertical impact test	23
6.6.1 General.....	23
6.6.2 Vertical impact test for glass table tops.....	23
6.6.3 Vertical impact test for all other table tops	23
6.7 Deflection of table tops	23
6.8 Durability of tables with castors	24
6.9 Drop test	24
7 Test procedures – Stability	25
7.1 General.....	25
7.2 Stability under vertical load	25
7.2.1 General.....	25
7.2.2 Test for tables that are or can be set to a height of 950 mm or less	25
7.2.3 Test for tables that are or can be set to a height greater than 950 mm	27
7.3 Stability for tables with extension elements.....	27
7.4 Stability of tables designed to support a parasol	27
8 Test procedures - Height adjustment mechanisms	28
8.1 General.....	28
8.2 Durability of Height adjustment mechanisms	28