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# Furniture — Children's cots and folding cots for domestic use —

## Part 2: Test methods

ICS 97.140; 97.190

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## National foreword

This British Standard is the UK implementation of EN 716-2:2008+A1:2013. It supersedes BS EN 716-2:2008, which is withdrawn.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 by Technical Committee CW/1, Safety of child use and child care products, to Technical Subcommittee CW/1/5, Nursery furniture.

A list of organizations represented on this subcommittee 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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This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 July 2008

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## EUROPÄISCHE NORM

January 2013

ICS 97.140

English Version

## Furniture - Children's cots and folding cots for domestic use - Part 2: Test methods

Meubles - Lits à nacelle fixes et pliants à usage domestique  
pour enfants - Partie 2 : Méthodes d'essai

Möbel - Kinderbetten und Reisekinderbetten für den  
Wohnbereich - Teil 2: Prüfverfahren

This European Standard was approved by CEN on 2 February 2008 and includes Amendment 1 approved by CEN on 17 November 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.

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## Foreword

This document (EN 716-2:2008+A1:2013) 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 July 2013, and conflicting national standards shall be withdrawn at the latest by July 2013.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes A1 EN 716-2:2008. A1

This document includes Amendment 1 approved by CEN on 17 November 2012.

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

Significant technical differences between this edition and EN 716-2:1995 are as follows:

- a) Following items were made more concrete or introduced: Test equipment (3.2), Application of forces (3.3), Tolerances (3.4) and under Test equipment (4), Test mattress (4.3), Device for bite test (4.11), Template for foot hold (4.13), Head probes (4.14), Testing device for V-shaped openings (4.15) and Retaining block (4.12);
- b) Elaboration and specification of the test procedures (5), Assembly and inspection (5.1), for the measurements of closed openings testing with at test probe (5.3.2.1) and measurement of V-shaped openings testing with a test probe (5.3.2.2) were introduced, Small parts (5.4), Bite test (5.5), Strength of sides and ends (5.7), Snag points (5.9) and Locking mechanisms (5.11);
- c) Testing of brakes of the rollers and test chain with disc were deleted;
- d) Revised editorially and with regard to content.

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, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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## 1 Scope

This part of EN 716 specifies test methods for assessing the safety of children's cots and folding cots for domestic use.

It applies to children's cots and folding cots with an internal length greater than 900 mm but not more than 1 400 mm.

## 2 Normative references

The following referenced documents are indispensable for the application 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 ISO 2439:2000, *Flexible cellular polymeric materials - Determination of hardness (indentation technique) (ISO 2439:1997, including Technical Corrigendum 1:1998)*

ISO 7619-2, *Rubber, vulcanized or thermoplastic — Determination of indentation hardness — Part 2: IRHD pocket meter method*

## 3 General test conditions

### 3.1 Preliminary preparation

The tests are designed to be applied to a cot that is fully assembled and ready for use.

The test unit shall be stored in indoor ambient conditions for at least one week immediately prior to testing. Any deviation from this procedure shall be stated in the test report.

Before testing, any fabrics intended to be removable shall be cleaned or washed twice in accordance with the manufacturer's instructions. If no instructions are supplied, the manner of washing/cleaning shall be stated in the test report.

The tests shall be carried out under indoor ambient conditions, but if during a test the atmospheric temperature is outside the range 15 °C to 25 °C, the maximum and/or minimum temperature shall be recorded in the test report.

The cot shall be tested as delivered. If the cot is a knock down type, it shall be assembled according to the manufacturer's instructions supplied with the cot. If the cot can be assembled, combined or adjusted in different ways, the most adverse combination shall be used for each test.

Knock-down fittings shall be tightened before testing. Further re-tightening shall not take place unless this is specifically required by the manufacturer.

In the case of designs not catered for in the test procedures, the tests shall be carried out as far as possible as described, and a list made of the deviations from the test procedures.

### 3.2 Test equipment

Unless otherwise specified, the tests may be applied by any suitable device because results are dependent only upon correctly applied forces and loads and not upon the apparatus.