#### **DIN EN 1930**



ICS 97.190

Supersedes DIN EN 1930:2006-03

Child use and care articles –
Safety barriers –
Safety requirements and test methods
English translation of DIN EN 1930:2012-02

Artikel für Säuglinge und Kleinkinder – Kinderschutzgitter – Sicherheitstechnische Anforderungen und Prüfverfahren Englische Übersetzung von DIN EN 1930:2012-02

Articles de puériculture – Barrières de sécurité – Exigences de sécurité et méthodes d'essai Traduction anglaise de DIN EN 1930:2012-02

Document comprises 36 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.



A comma is used as the decimal marker.

### Start of application

The start of application of this standard is 1 February 2012.

#### **National foreword**

This standard has been prepared by Technical Committee CEN/TC 252 "Child use and care articles" (Secretariat: AFNOR, France).

The responsible German body involved in its preparation was the *Normenausschuss Holzwirtschaft und Möbel* (Timber and Furniture Standards Committee), Working Committee NA 042-05-13 AA *Spiegelausschuss zu CEN/TC 207/WG 2 Anforderungen an Kindermöbel.* 

This standard includes safety requirements within the meaning of the *Geräte- und Produktsicherheitsgesetz* (GPSG) (German Equipment and Product Safety Act).

Safety barriers as specified in this standard fall within the scope of the *Geräte- und Produktsicherheitsgesetz* (GPSG) (German Equipment and Product Safety Act). Once compliance with the requirements specified in § 7 of the GPSG has been verified by an accredited test house, safety barriers may be marked with the German GS mark (= geprüfte Sicherheit, safety tested).

#### **Amendments**

This standard differs from DIN EN 1930:2006-03 as follows:

- a) Clause 3 "Terms and definitions" has been revised;
- b) Clause 4 "Test equipment" has been included;
- c) a new hip probe has been added;
- d) new figures of finger probes have been included;
- e) the test chain with disc has been removed:
- f) the rattle test has been included testing the security of the barrier;
- g) the out of alignment requirement relating to the distance between any two adjacent bars or panels has been deleted;
- h) the impact test has been improved and a new test frame has been included which provides a more reproducible test;
- i) the requirements for the closing system have been improved;
- j) a new Annex A (informative) "Rationales" has been included;
- k) the standard has been editorially revised.

#### **Previous editions**

DIN 66076: 1974-05, 1979-02 DIN EN 1930: 2000-11, 2006-03 DIN EN 1930 *Corrigendum* 1: 2004-02

## EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

**EN 1930** 

December 2011

ICS 97.190

Supersedes EN 1930:2000

#### **English Version**

# Child use and care articles - Safety barriers - Safety requirements and test methods

Articles de puériculture - Barrières de sécurité - Exigences de sécurité et méthodes d'essai

Artikel für Säuglinge und Kleinkinder - Kinderschutzgitter - Sicherheitstechnische Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 22 October 2011.

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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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

Management Centre: Avenue Marnix 17, B-1000 Brussels

© 2011 CEN

All rights of exploitation in any form and by any means reserved worldwide for CEN national Members.

Ref. No. EN 1930:2011: E

This is a preview. Click here to purchase the full publication.

#### **Contents** Page Foreword 4 2 Normative references .......5 3 Terms and definitions ......5 Test equipment ......5 4.1 Tolerances for test equipment ......5 4.2 Hip probe ......6 4.3 Foothold template......6 4.4 Finger probes ......7 4.5 Finger probe for mesh......7 Ball chain loop and spherical mass......8 4.6 Small parts cylinder.....9 4.7 4.8 4.9 4.10 4.11 5 Mechanical hazards.......17 6 6.1 6.2 6.2.1 Protective height 17 622 6.3 6.3.1 6.3.2 6.4 Opening and closing system.......22 6.4.1 6.4.2 6.5 6.5.1 Shearing and crushing hazards ......23 6.6 6.6.1 Requirements 23 Test method 23 6.6.2 6.7 6.7.1 6.7.2 Choking and ingestion hazards .......24 6.8 6.8.1 6.8.2 6.9 6.10 Hazardous edges and points.......25 6.10.1 6.10.2 6.10.3 6.11 6.11.1 6.11.2 Security of the safety barrier from Impact test.......27