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Furniture - Cribs and cradles for domestic use - Part 1: Safety requirements

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Möbler – Spädbarnssängar och vaggor för hemmabruk - Del 1: Säkerhetskrav

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ICS 97.140; 97.190

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Descriptors: child care articles, household appliances, cots, safety, specifications, accident prevention, materials, equipment specifications, utilization, information, marking, packing

English version

**Furniture - Cribs and cradles
for domestic use - Part 1: Safety requirements**

Meubles – Berceaux à usage domestique –
Partie 1: Exigences de sécurité

Möbel – Krippen und Wiegen für den
Wohnbereich – Teil 1: Sicherheitstechnische
Anforderungen

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CEN

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Comité Européen de Normalisation
Europäisches Komitee für Normung

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Foreword

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

The text was prepared by CEN/TC 207/WG1 "Domestic furniture", the secretariat of which is held by UNI and in particular by its TG3 "Children's and nursery furniture", the secretariat of which is held by IBN. This European Standard forms part of a series of standards on requirements and test methods for children's and nursery furniture.

This European Standard contains two parts :

- EN 1130-1 "Cribs/cradles for domestic use - Part 1: Safety requirements"
- EN 1130-2 "Cribs/cradles for domestic use - Part 2: Test methods"

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of an identical text or by endorsement at the latest by September 1996, and conflicting national standards shall be withdrawn at the latest by September 1996.

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

1 Scope

This part of European Standard EN 1130 specifies safety requirements for cribs/cradles for domestic use,

NOTE : If other items are added to the cribs/cradles, these should comply the relevant product standards.

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.

EN 71-1 Safety of toys -Part 1: Mechanical and physical properties

EN 71-3 Safety of toys - Part 3: Migration of certain elements

EN 1130-2:1996: Furniture - Cribs and cradles for domestic use - Part 2: Test methods

3 Definition

For the purposes of this standard the following definitions apply :

3.1 crib/cradle

Cribs/cradles are pieces of furniture used to lay infants in until these are able to sit, kneel or to pull themselves up. The internal length of the bed base is maximum 900 mm. Cribs/cradles may consist of a body and a frame, in which case they may be balanced. The body of swinging, balancing or rocking cribs/cradles cannot be used without their frame.

3.2 access zones

Access zones specify the case, intensity and frequency of access to parts of a product taking the intended use into consideration.

3.3 access zone 1

Consists of the space around the crib/cradle, to which an infant sitting on the mattress can get access.

3.4 access zone 2

Consists of the space not covered by access zone 1.

4 Safety requirements

4.1 Materials

4.1.1 Wood and wood based materials

Wood, Wood based materials and materials of vegetable origin shall be free from decay and insect attack.

4.1.2 Materials and surfaces

The manufacturer/importer/retailer shall provide verification that materials and surfaces in access zone 1 fulfil the requirements in accordance with EN 71-3.

4.1.3 Metal in access zone 1 shall either be made of corrosion-resistant materials or be protected against corrosion.

4.2 Construction

4.2.1 Exposed edges and protruding parts shall be chamfered and free of burrs or sharp edges (see figure 1). There shall be no open-ended tubes. Protruding parts are not permitted in access zone 1.

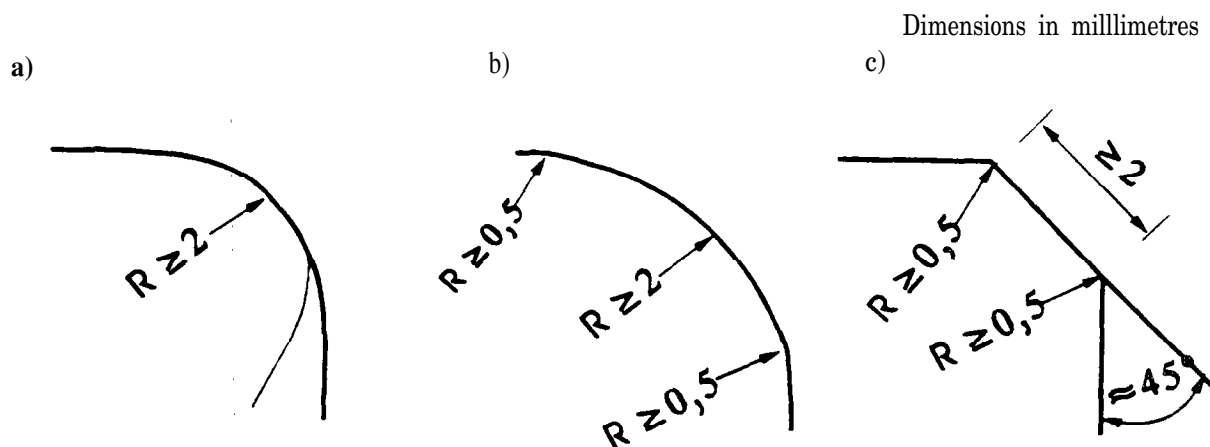


Figure 1: Examples of required minimum radii of edges and comers

Small components such as hinges, brackets and catches shall be free of burrs and sharp edges (see figure 1).

NOTE : The minimum radii as shown in figure 1 do not apply to these.

4.2.2 Any hole in access zone 1 into which a 5 mm plug gauge can pass shall not exceed 10 mm in depth, unless the hole satisfies the requirements of 4.4.2 and 4.4.5.

For assembly holes, a 7 mm plug gauge shall not pass when tested in accordance with 5.3.2 of EN 1130-2:1996.

4.2.3 Connecting screws for direct fastening, e.g self-tapping screws, shall not be used for the assembly of any component that is designed to be removed or loosened when dismantling the crib/cradle for purposes of transportation or storage,