



SLOVENSKI STANDARD
SIST EN 12221-1:2002

01-maj-2002

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Changing units for domestic use - Part 1: Safety requirements

Wickeleinrichtungen für den Hausgebrauch - Teil 1: Sicherheitstechnische Anforderungen

Dispositifs a langer a usage domestique - Partie 1: Prescriptions de sécurité

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Ta slovenski standard je istoveten z: EN 12221-1:1999

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ICS:

97.190 Otroška oprema Equipment for children

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en

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ICS 97.190

English version

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Dispositifs à l'usage domestique - Partie 1:
Prescriptions de sécurité

Wickeleinrichtungen für den Hausgebrauch - Teil 1:
Sicherheitstechnische Anforderungen

This European Standard was approved by CEN on 25 October 1998.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

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

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

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Foreword

This European Standard has been jointly prepared by Technical Committee CEN/TC 252, "Child use and care articles", the secretariat of which is held by AFNOR and 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 February 2000, and conflicting national standards shall be withdrawn at the latest by February 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.

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1 Scope

This part of EN 12221 specifies the safety requirements for all types of changing units for children with a body weight up to 15 kg.

It covers only the function of the item as changing unit.

The changing unit may be foldable and can be fitted with a child bath tub or other additional items.

Changing pads are only covered by this standard when they form a part of the changing unit.

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 : Migrations of certain elements.*

EN 12221-2, *Changing units for domestic use - Part 2 : Test methods.*

3 Definitions

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

3.1

changing unit

item to support and retain a child for the purpose of changing

3.1.1

changing unit type 1

item intended for use for children up to an age of approximately 12 months

3.1.2

changing unit type 2

item intended for use for children up to an age of approximately 36 months

3.2

changing chest

piece of furniture providing a changing area based on a rigid carcass that might include storage facilities

3.3

changing table

changing unit providing a changing area based on a structure of legs or a framework that might be foldable

3.4

changing board

integral part of the changing unit providing a changing area made of a padded board or shell body

3.5

changing area

area intended for changing a child

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3.6
access zones

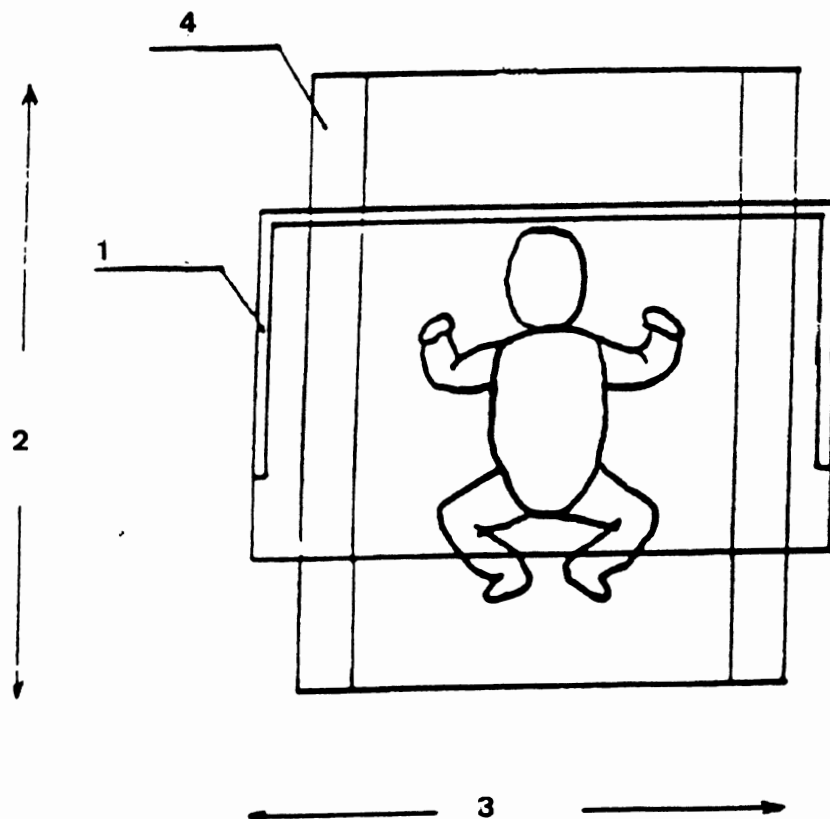
access zones specify the ease, intensity and frequency of access to parts of a product taking into consideration the intended use and for normal and reasonably foreseeable use

3.6.1
access zone 1

the space around the changing unit which is within the child's reach when lying on the changing pad, see Figure 2, and the space around the integrated bath tub within the child's reach when in the bath tub but being measured from the bottom of the bath tub

3.6.2
access zone 2

space not covered by access zone 1 (see Figure 2 a) and 2 b))

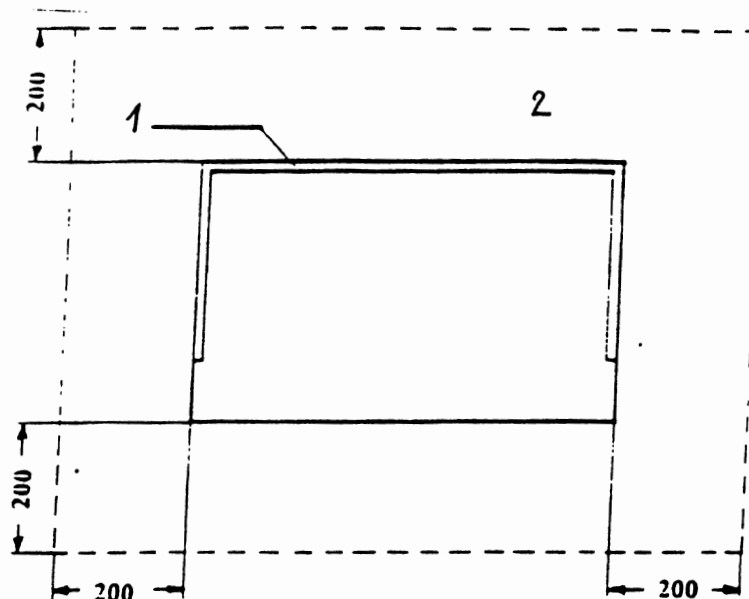


Key

- 1 Barrier
- 2 Length
- 3 Width
- 4 Barrier

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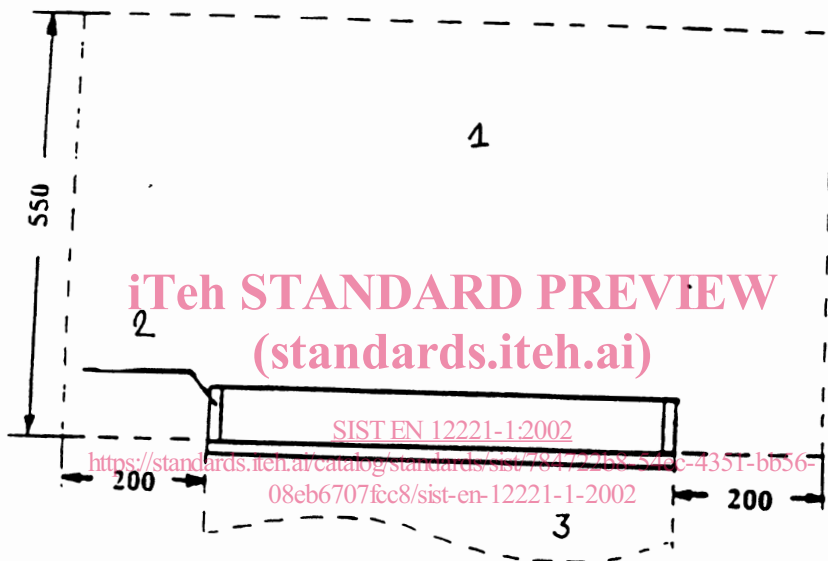
Figure 1 — Length and width, top view. The length is the intended longitudinal position of the child on the unit



Key

- 1 Barrier
- 2 Access zone 1

Figure 2a) — Top view Access zone 1



Key

- 1 Access zone 1
- 2 Barrier
- 3 Access zone 2

Figure 2b) — Front view Access zone 1 and 2

3.7
shear and squeeze points

gaps, in which a part of the body may be jammed when two parts move relative to each other

3.8
changing pad

part which the baby lies on

4 General requirements

If a changing unit can be converted or used as another function it shall comply with other relevant standards, e.g. cots, etc.

4.1 Dimensions

The dimensions of the changing area, when measured in accordance with 5.2 of EN 12221-2 shall be at least as defined in Table 1.

Table 1 — Minimum dimensions for length and width

CHANGING UNIT TYPE	WIDTH	LENGTH
1	380 mm	650 mm
2	550 mm	750 mm

The length of the changing area is the intended longitudinal position of the child on the unit (see Figure 1, also 5.2.2 of EN 12221-2).

The width of the changing area is the measurement perpendicular to the length (see Figure 1).

4.2 Materials

4.2.1 Wood

Check visually that the wood, wood-based materials and materials from vegetable origin are free from decay and insect attack.

4.2.2 Surfaces and materials

The surfaces of the materials within access zone 1 shall meet the requirements of EN 71-3.

4.2.3 Metal

Metal within access zone 1 and 2 shall either be made of corrosion resistant materials or be protected against corrosion.

5 Construction

5.1 Holes, gaps and openings

The following requirements shall apply before and after testing in accordance with 5.4 of EN 12221-2.

5.1.1 Finger entrapment

There shall be no open-ended tubes and loose washers within access zone 1 and 2.