

# **SLOVENSKI STANDARD**

## **SIST EN 12227-1:2001**

**01-februar-2001**

---

### **Stajice za domačo uporabo - 1. del: Varnostne zahteve**

Playpens for domestic use - Part 1: Safety requirements

Kinderlaufställe für den Wohnbereich - Teil 1: Sicherheitstechnische Anforderungen

Parcs a usage domestique - Partie 1: Exigences de sécurité

**Ta slovenski standard je istoveten z: EN 12227-1:1999**

[SIST EN 12227-1:2001](https://standards.iteh.ai/catalog/standards/sist/3485af05-3cdf-46f3-973e-779c4dda0c7e/sist-en-12227-1-2001)

<https://standards.iteh.ai/catalog/standards/sist/3485af05-3cdf-46f3-973e-779c4dda0c7e/sist-en-12227-1-2001>

#### **ICS:**

97.140

Pohištvo

Furniture

**SIST EN 12227-1:2001**

**en**

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

SIST EN 12227-1:2001

<https://standards.iteh.ai/catalog/standards/sist/3485af05-3cdf-46f3-973e-779c4dda0c7e/sist-en-12227-1-2001>

EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

EN 12227-1

September 1999

ICS 97.190

English version

Playpens for domestic use - Part 1: Safety requirements

Parcs à usage domestique - Partie 1: Exigences de  
sécurité

Kinderlaufställe für den Wohnbereich - Teil 1:  
Sicherheitstechnische Anforderungen

This European Standard was approved by CEN on 5 August 1999.

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.

STANDARD PREVIEW  
(standards.iteh.ai)

SIST EN 12227-1:2001

<https://standards.iteh.ai/catalog/standards/sist/3485af05-3cdf-46f3-973e-779c4dda0c7e/sist-en-12227-1-2001>



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

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

## Contents

<b>Foreword</b> .....	<b>3</b>
<b>1 Scope</b> .....	<b>4</b>
<b>2 Normative References</b> .....	<b>4</b>
<b>3 Definitions</b> .....	<b>4</b>
3.1 playpen .....	4
3.2 folding playpen .....	4
3.3 access zones .....	4
3.4 shear and squeeze points .....	6
3.5 grab handle .....	6
<b>4 Materials</b> .....	<b>6</b>
4.1 Wood .....	6
4.2 Surfaces of materials .....	7
4.3 Metal .....	7
4.4 Flammability of textiles, coated textiles and plastic coverings .....	7
<b>5 Construction</b> .....	<b>7</b>
5.1 Openings, holes and gaps .....	7
5.2 Edges, points and corners .....	9
5.3 Moving parts .....	10
5.4 Dimensions .....	12
5.5 Detachable components .....	13
5.6 Playpen rim .....	13
5.7 Castors/wheels .....	13
5.8 Connecting screws .....	14
5.9 Snagging .....	14
5.10 Base .....	14
5.11 Sides .....	14
5.12 Stability .....	15
<b>6 Packaging</b> .....	<b>15</b>
<b>7 Instructions for use</b> .....	<b>15</b>
<b>8 Marking</b> .....	<b>16</b>



## Foreword

This European Standard has been prepared by Technical Committee CEN/TC 207 "Furniture", the secretariat of which is held by IBN and by Technical Committee CEN/TC 252 "Child care articles", the secretariat of which is held by AFNOR.

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 March 2000, and conflicting national standards shall be withdrawn at the latest by March 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.

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

SIST EN 12227-1:2001

<https://standards.iteh.ai/catalog/standards/sist/3485af05-3cdf-46b3-973e-779c4dda0c7e/sist-en-12227-1-2001>

## 1 Scope

This European Standard specifies requirements related to the safety of playpens and folding playpens for domestic use, for children with a body weight of not more than 15 kg.

If a playpen has several functions or can be converted into another function it shall comply with those relevant standards e.g. changing units, cots, etc.

## 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	1998	Safety of toys - Part 1 : Mechanical and physical properties
EN 71-2	1993	Safety of toys - Part 2 : Flammability
EN 71-3	1994	Safety of toys - Part 3 : Migration of certain elements
EN 12227-2	1999	Playpens for domestic use - Part 2 : Test Methods

## 3 Definitions

For the purposes of this standard, the following definitions apply :

### 3.1 playpen

Enclosure intended to retain a child whilst allowing it space to play for short periods.

### 3.2 folding playpen

Playpen which can be dismantled or folded for transportation or storage.

### 3.3 access zones

Specification of 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.

### 3.3.1 access zone 1

#### 3.3.1.1 playpens not permitting reach through sides

Access zone 1 is formed by the whole interior of the playpen and an outside band measured vertically from 1 300 mm above the base to 300 mm below the top of the rim (see broken line in figure 1a).

#### 3.3.1.2 playpens permitting reach through the sides

Access zone 1 is formed by the whole interior and the outside of the playpen above the broken line (see figure 1b).

### 3.3.2 access zone 2

#### 3.3.2.1 playpens not permitting reach through sides

Access zone 2 is formed by the outside area of the playpen below the lower line (see figure 1a).

#### 3.3.2.2 playpens permitting reach through sides

No access zone 2.

### 3.3.3 out of access

The area beneath the base is considered to be out of access (see figures 1a and figure 1b below broken line).

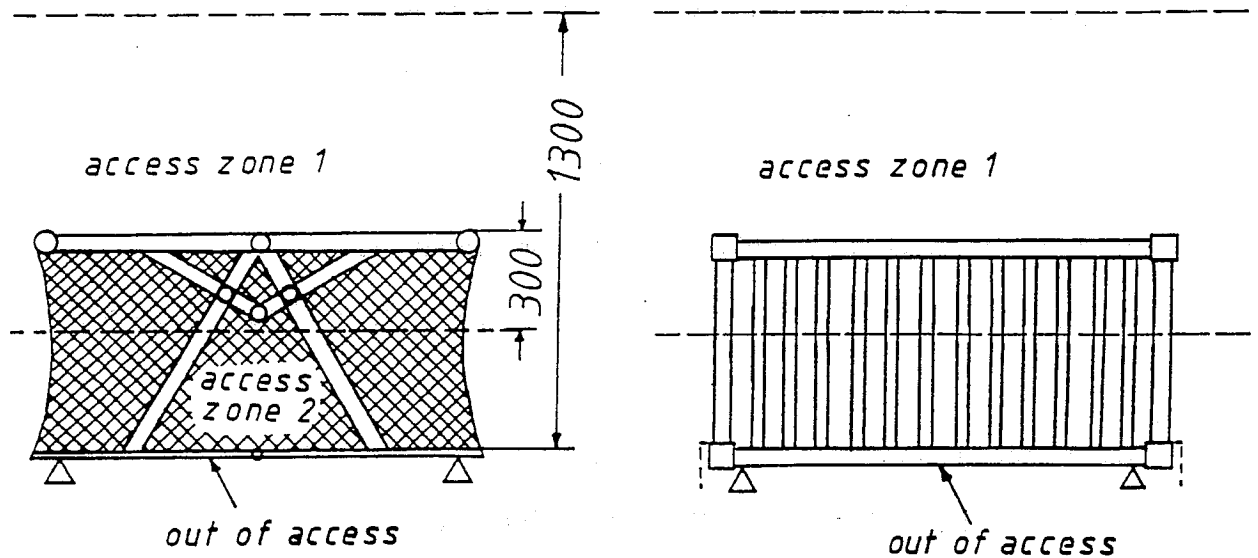
For playpens combining closed sides and sides permitting reach through, a radius of reach equal to 300 mm shall be deemed to be accessible. This radius (radii) has to be measured from any point permitting reach through or above the sides.

ITeH STANDARD PREVIEW  
(standards.iteh.ai)

[SIST EN 12227-1:2001](https://standards.iteh.ai/catalog/standards/sist/3485af05-3cdf-46b3-973e-779c4dda0c7e/sist-en-12227-1-2001)

<https://standards.iteh.ai/catalog/standards/sist/3485af05-3cdf-46b3-973e-779c4dda0c7e/sist-en-12227-1-2001>

Dimensions in millimetres



## iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN 12227-1:2001

<https://standards.iteh.ai/catalog/standards/sist/3485af05-3cdf-46b3-973e-779cdaa0c70/sist-en-12227-1-2001>

Figure 1a) and 1b): Access zones

### 3.4 shear and squeeze points

Shear or squeeze points are gaps that can trap parts of the body, and occur when two parts close together during relative movements.

### 3.5 grab handle

Non structural part attached to the inside of playpens to assist a child to attain and maintain a standing position.

## 4 Materials

### 4.1 Wood

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



## 4.2 Surfaces of materials

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

## 4.3 Metal

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

## 4.4 Flammability of textiles, coated textiles and plastic coverings

When the textile, coated textile or plastic coating area is more than 5 % of the total construction, the rate of spread of the flame shall be less than or equal to 30 mm/s and no flash-effect shall be possible when tested in accordance with 5.7 of EN 71-2:1993.

## 5 Construction

### 5.1 Openings, holes and gaps

#### 5.1.1 Finger entrapment

Within access zones 1 and 2:

- there shall be no open ended tubes,
- there shall be no openings and gaps with dimensions greater than 5 mm and less than 12 mm, unless the depth is less than 10 mm when measured in accordance with 5.3 of EN 12227-2:1999.

Assembly holes with a diameter up to 7 mm are allowed.

Before and after all tests, mesh sides shall resist penetration when tested with a 7 mm diameter cone and a force of 30 N in accordance with 5.3 of EN 12227-2:1999

#### 5.1.2 Entrapment of limbs

Within access zone 1, there shall be no openings, holes or gaps with a diameter equal to or greater than 25 mm and less than 45 mm when measured in accordance with 5.3 of EN 12227-2:1999.