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**Izdelki za otroke – Hojce – Varnostne zahteve in preskusne metode**

Child care articles – Baby walking frames – Safety requirements and test methods

Articles de puériculture – Trotteurs – Exigences de sécurité et méthodes d'essai

Artikel für Säuglinge und Kleinkinder – Kinderlaufhilfen – Sicherheitstechnische Anforderungen und Prüfverfahren

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SIST EN 1273:2021

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**NACIONALNI UVOD**

Standard SIST EN 1273 ((sl)en), Izdelki za otroke – Hojce – Varnostne zahteve in preskusne metode, 2021, ima status slovenskega standarda in je po metodi ponatisa izvirnika z nacionalnim dodatkom privzet evropski standard EN 1273 (en), Child care articles – Baby walking frames – Safety requirements and test methods, 2020.

Ta slovenski standard nadomešča SIST EN 1273:2005.

**NACIONALNI PREDGOVOR**

Evropski standard EN 1273:2020 je pripravil tehnični odbor Evropskega komiteja za standardizacijo CEN/TC 252 "Izdelki za otroke", katerega sekretariat vodi AFNOR.

Pripravo tega standarda sta Evropska komisija in Evropsko združenje za prosto trgovino poverila CEN z mandatom M/264.

Odločitev za izdajo tega standarda je dne 16. decembra 2020 sprejel tehnični odbor SIST/TC OTR Izdelki za otroke.

**NACIONALNI DODATEK**

**Dodatek C**  
(normativen)

**Opozorila**

K preglednici C.1, ki navaja prevode opozoril, navedenih v točki 9, se dodajo slovenski prevodi:

**Preglednica C.1: Prevodi opozoril**

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Slovenian	<a href="https://standards.iteh.ai/catalog/standards/sist/52fffd6a-221f-4e50-85dc-6b8436ac880c/sist-en-1273-2021">https://standards.iteh.ai/catalog/standards/sist/52fffd6a-221f-4e50-85dc-6b8436ac880c/sist-en-1273-2021</a>
9.2	OPOZORILO!
	[1] OPOZORILO!
	[2] Preprečite otroku dostop do stopnišč, stopnic in neravnih površin
	[3] Nikoli ne puščajte otroka brez nadzora
9.3	OPOZORILO!
	[1] OPOZORILO!
	[2] Nikoli ne puščajte otroka brez nadzora.
	[3] Preprečite otroku dostop do stopnišč, stopnic in neravnih površin.
9.4	POMEMBNO! POZORNO PREBERITE NAVODILA IN JIH SHRANITE KOT NAPOTEK ZA V PRIHODNJE.
	[1] OPOZORILO!
	[2] Nikoli ne puščajte otroka brez nadzora.
	[3] S hojco se otrok lahko premika hitreje in tako pride dlje.
	[4] Preprečite otroku dostop do stopnišč, stopnic in neravnih površin.

Slovenian	
	[5] Zavarujte dostop do ognja, grelnih in kuhalnih naprav.
	[6] Odstranite vroče tekočine, električne kable in druge možne nevarnosti iz dosega otroka.
	[7] Preprečite, da bi otrok trčil v steklo v vratih, oknih in pohištvu.

## ZVEZA Z NACIONALNIMI STANDARDI

S privzemom tega evropskega standarda veljajo za omejeni namen referenčnih standardov vsi standardi, navedeni v izvorniku, razen standardov, ki so že sprejeti v nacionalno standardizacijo:

SIST EN 71-2:2011+A1:2014	Varnost igrač – 2. del: Vnetljivost (vključno z dopolnilom A1)
SIST EN 71-3	Varnost igrač – 3. del: Migracija določenih elementov
SIST EN 71-10:2006	Varnost igrač – 10. del: Organske kemijske spojine – Priprava vzorcev in ekstrakcija
SIST EN 71-11	Varnost igrač – 11. del: Organske kemijske spojine – Analizne metode
SIST EN 622-1	Vlaknene plošče – Specifikacije – 1. del Splošne zahteve
SIST EN 717-1	Lesne plošče – Ugotavljanje sproščanja formaldehida – 1. del: Sproščanje formaldehida po komorni metodi
SIST EN ISO 105-A03	Tekstilije – Preskušanje barvne obstojnosti – Del A03: Siva skala za ocenjevanje prehoda obarvanja spremljajočih tkanin (ISO 105-A03:2019)
SIST EN ISO 14184-1	Tekstilije – Določevanje formaldehida – 1. del: Prosti in hidrolizirani formaldehid (vodna ekstrakcija) (ISO 14184-1:2011)
SIST EN ISO 14362-1	Tekstilije – Metode za določevanje nekaterih aromatskih aminov, izvirajočih iz azo barvil – 1. del: Zaznavanje prisotnosti določenih azo barvil, dostopnih z ekstrahiranjem vlaken in brez njega (ISO 14362-1:2017)
SIST EN ISO 2813	Barve in laki – Ugotavljanje vrednosti sijaja pod koti 20, 60 in 85 stopinj (ISO 2813:2014)
SIST EN ISO 2439:2009	Penjeni polimerni materiali – Mehke pene – Ugotavljanje trdote (odpornost proti vtiskovanju) (ISO 2439:2008)

## OSNOVA ZA IZDAJO

- privzem standarda EN 1273:2020

## PREDHODNE IZDAJE

- SIST EN 1273:2005
- SIST EN 1273:2002

**OPOMBE**

- Povsod, kjer se v besedilu standarda uporablja izraz “evropski standard”, v SIST EN 1273:2021 to pomeni “slovenski standard”.
- Nacionalni uvod in nacionalni predgovor nista sestavni del standarda.
- Ta nacionalni dokument je istoveten EN 1273:2020 in je objavljen z dovoljenjem

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 1273**

July 2020

ICS 97.190

Supersedes EN 1273:2005

English Version

## Child care articles - Baby walking frames - Safety requirements and test methods

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

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

This European Standard was approved by CEN on 24 May 2020.

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COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

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## European foreword

This document (EN 1273:2020) has been prepared 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 January 2021, and conflicting national standards shall be withdrawn at the latest by July 2021.

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

This document supersedes EN 1273:2005.

In comparison with the previous edition EN 1273:2005, the following major technical modifications have been made:

- general redraft in hazard based format;
- addition of new chemical requirements based on CEN/TR 13387-2;
- general update of some mechanical requirements and test methods to the state of the art of CEN/TR 13387-3;
- improvement of the requirements and test methods for static and dynamic strength;
- modification of the test method for prevention of falls down stairs to improve reproducibility of results;
- update of product information section and addition of a new symbol from CEN/TR 13387-5.

This document has been prepared under Mandate M/264 given to CEN by the European Commission and the European Free Trade Association.

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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

## Introduction

The purpose of this document is to reduce the risk of accidents.

It is stressed that this document cannot eliminate all possible risks to children using such a product and that carer control is of paramount importance. Accidents are mainly due to carer(s) not anticipating the extra reach and speed that children can achieve in the baby walking frame.

It is essential that all warnings and instructions specified in this standard are clearly given by the manufacturer, to ensure that the baby walking frame can be used safely and correctly.

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## 1 Scope

This document specifies safety requirements and test methods for baby walking frames into which a child is placed, and intended to be used from when the child is able to sit up by itself until the child is able to walk by itself.

This document does not apply to baby walking frames for therapeutic and curative purposes and to those baby walking frames relying on inflatable parts to support the child.

Toys (e.g. ride on toys, push-along toys, usually intended for children able to walk unaided) are not covered by this document.

If a baby walking frame has several functions or can be converted into another function, the relevant European standards apply to it.

## 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 71-2:2011+A1:2014, *Safety of toys - Part 2: Flammability*

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

EN 71-10:2005, *Safety of toys - Part 10: Organic chemical compounds - Sample preparation and extraction*

EN 71-11, *Safety of toys - Part 11: Organic chemical compounds - Methods of analysis*

EN 622-1, *Fibreboards - Specifications - Part 1: General requirements*

<https://standards.iteh.ai/catalog/standards/sist/52ffd6a-221f-4e50-85dc-68816a129074/en-622-1-2002>

EN 717-1, *Wood-based panels - Determination of formaldehyde release - Part 1: Formaldehyde emission by the chamber method*

EN ISO 105-A03, *Textiles - Tests for colour fastness - Part A03: Grey scale for assessing staining (ISO 105-A03)*

EN ISO 14184-1, *Textiles - Determination of formaldehyde - Part 1: Free and hydrolysed formaldehyde (water extraction method) (ISO 14184-1)*

EN ISO 14362-1, *Textiles - Methods for determination of certain aromatic amines derived from azo colorants - Part 1: Detection of the use of certain azo colorants accessible with and without extracting the fibres (ISO 14362-1)*

EN ISO 2813, *Paints and varnishes - Determination of gloss value at 20°, 60° and 85° (ISO 2813)*

EN ISO 2439:2008, *Flexible cellular polymeric materials - Determination of hardness (indentation technique) (ISO 2439:2008)*

## EN 1273:2020 (E)

### 3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <https://www.iso.org/obp>

**3.1**  
**baby walking frame**  
 structure with a seat in which a child is placed in a sitting or standing position, which allows a child to move around with the aid of the support offered by the frame

**3.2**  
**crotch strap**  
 device which passes between the child's legs to prevent the child slipping out of the seat

**3.3**  
**base**  
 lower part of the frame where castors or wheels may be attached

**3.4**  
**parking device**  
 device to maintain the baby walking frame in a stationary position

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## 4 Test equipment

**4.1 Test masses** [SIST EN 1273:2021  
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### 4.1.1 Test mass A

Test mass A is a rigid cylinder  $(160 \pm 5)$  mm in diameter and  $(280 \pm 5)$  mm in height, having a mass of  $12_0^{+0,1}$  kg and with its centre of gravity in the centre of the cylinder. All edges shall have a radius of  $(20 \pm 1)$  mm. See Figure 1.

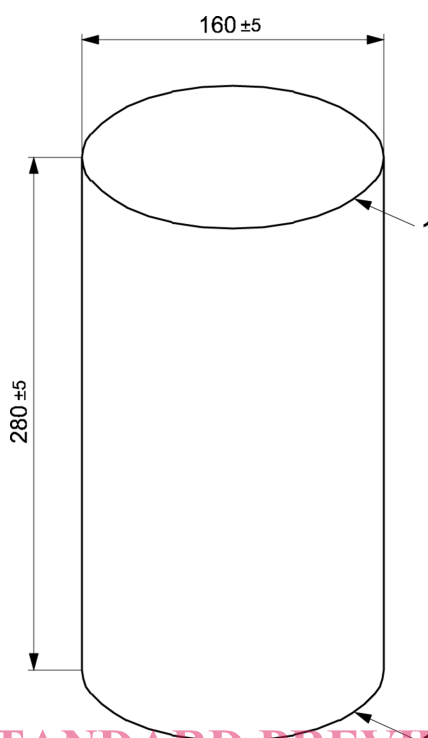
### 4.1.2 Test mass B

Test mass B is a rigid cylinder  $(160 \pm 5)$  mm in diameter and  $(280 \pm 5)$  mm in height, having a mass of  $7,65_0^{+0,1}$  kg and with its centre of gravity in the centre of the cylinder. All edges shall have a radius of  $(20 \pm 1)$  mm. See Figure 1.

### 4.1.3 Test mass C

Test mass C is a rigid cylinder  $(160 \pm 5)$  mm in diameter and  $(280 \pm 5)$  mm in height, having a mass of  $12,6_0^{+0,1}$  kg and with its centre of gravity in the centre of the cylinder. All edges shall have a radius of  $(20 \pm 1)$  mm. See Figure 1.

Dimensions in millimetres



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**Key**

1 Radius:  $(20 \pm 1)$  mm

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Test Mass A	Mass $12,0_0^{+0,1}$ kg
Test Mass B	Mass $7,65_0^{+0,1}$ kg
Test Mass C	Mass $12,6_0^{+0,1}$ kg

**Figure 1 — Test mass A, B and C**

#### 4.1.4 Test mass D

Test mass D is a mass of  $3,6_0^{+0,1}$  kg with a flat circular bottom surface. See Figure 2.

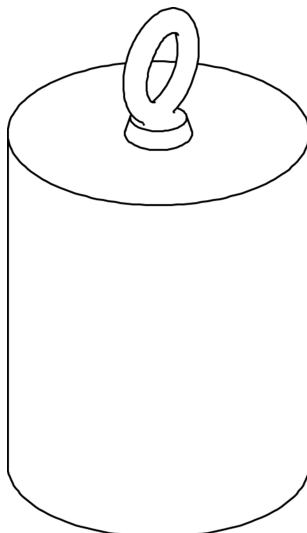


Figure 2 — Test mass D

#### 4.2 Small parts cylinder

Small parts cylinder for the assessment of small components, having dimensions in accordance with Figure 3.

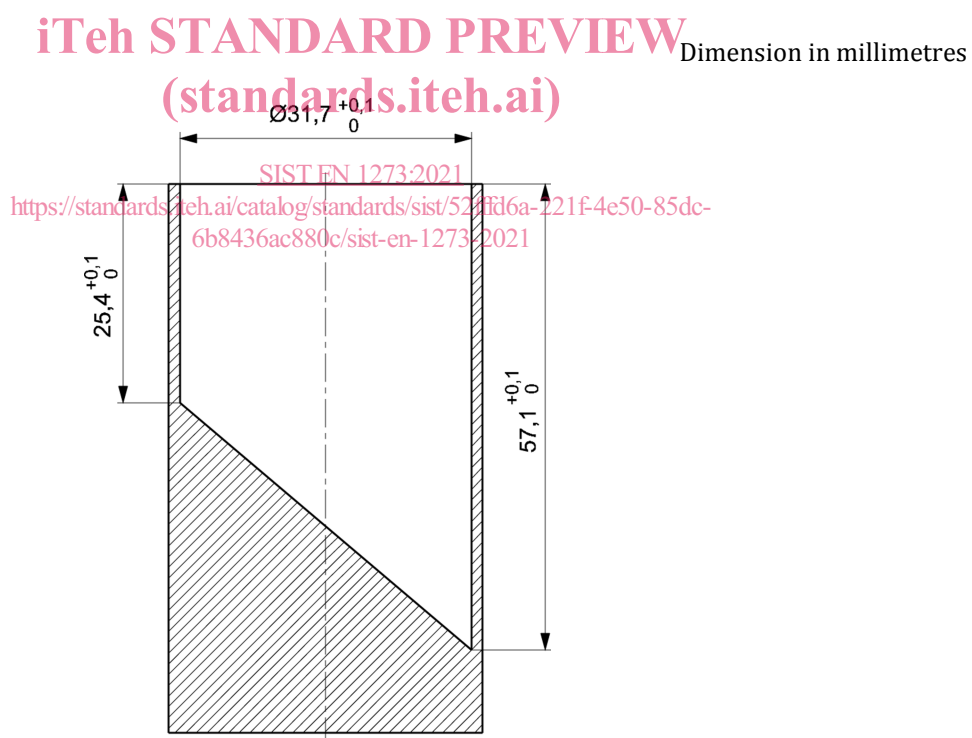


Figure 3 — Small parts cylinder

#### 4.3 Feeler gauge

Gauge with a thickness of  $(0,4 \pm 0,02)$  mm and an insertion edge radius of  $(3 \pm 0,5)$  mm (see Figure 4).

Dimensions in millimetres

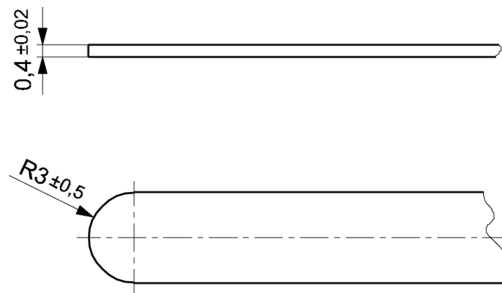


Figure 4 — Feeler gauge

#### 4.4 Test probes for finger entrapment

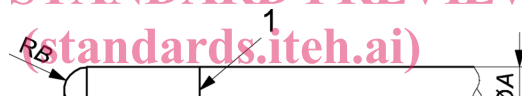
##### 4.4.1 Test probes with hemispherical end

Probes made from plastic or other hard, smooth material of diameters  $7_{-0,1}^0$  mm and  $12_0^{+0,1}$  mm with a full hemispherical end that can be mounted on a force-measuring device, see Figure 5.

Mesh probe made from plastic or other hard, smooth material as shown in Figure 6.

Dimensions in millimetres

iTeh STANDARD PREVIEW



SIST EN 1273:2021  
<https://standards.iteh.ai/catalog/standards/sist/52fffd6a-221f-4e50-85dc-6b8436ac880c/sist-en-1273-2021>

#### Key

Probe type	7 mm probe	12 mm probe
Diameter A	$7_{-0,1}^0$	$12_0^{+0,1}$
Radius RB	half of diameter A	half of diameter A
1	Line scribed around circumference showing depth of penetration	

Figure 5 — Test probes with hemispherical end