

STN	Výrobky na starostlivosť o deti Detské chodúľky Bezpečnostné požiadavky a skúšobné metódy	STN EN 1273 94 3015
------------	--	---------------------------------------

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

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 10/20

Obsahuje: EN 1273:2020

Oznámením tejto normy sa od 31.07.2021 ruší
STN EN 1273 (94 3015) z októbra 2005

131868

EUROPEAN STANDARD

EN 1273

NORME EUROPÉENNE

EUROPÄISCHE NORM

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.

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, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

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

Contents		Page
European foreword		5
Introduction		6
1	Scope	7
2	Normative references	7
3	Terms and definitions	8
4	Test equipment	8
4.1	Test masses	8
4.1.1	Test mass A	8
4.1.2	Test mass B	8
4.1.3	Test mass C	8
4.1.4	Test mass D	9
4.2	Small parts cylinder	10
4.3	Feeler gauge	10
4.4	Test probes for finger entrapment	11
4.4.1	Test probes with hemispherical end	11
4.4.2	Shape assessment probe	12
4.5	Test platform for stability test	12
4.6	Test equipment for dynamic stability	13
4.6.1	Test platform	13
4.6.2	Spacer	13
4.7	Test equipment for prevention of fall down steps test	13
4.7.1	Test platform	13
4.7.2	Steel cable	14
4.7.3	Pulley	14
4.7.4	Aluminium angle	14
4.7.5	Rigid plate	14
4.7.6	Structural characteristics for the test equipment	14
4.8	Foam	15
5	General requirements and test conditions	15
5.1	Product conditioning	15
5.2	Test conditions	15
5.3	Application of forces	15
5.4	Tolerances	16
5.5	Order of tests	16
6	Chemical hazards (see A.2)	16
6.1	General	16
6.2	Migration of certain elements (see A.2)	16
6.3	Formaldehyde (see A.2)	17
6.4	Colourants (see A.2)	17
6.5	Aniline (see A.2)	17
7	Thermal hazards (see A.3)	18
7.1	Requirement	18
7.2	Test method	18

8	Mechanical hazards (see A.4)	18
8.1	Entrapment hazards (see A.4.1)	18
8.1.1	Requirements	18
8.1.2	Test methods	19
8.2	Hazards due to moving parts (see A.4.2)	19
8.2.1	General	19
8.2.2	Requirements for compression points	19
8.2.3	Requirements for shear points	19
8.3	Protective function of the seat	19
8.3.1	General	19
8.3.2	Crotch strap	19
8.3.3	Removable seats	19
8.3.4	Seat height	20
8.4	Hazards due to height adjustment and folding of the product	20
8.4.1	Requirements	20
8.4.2	Test methods for height adjustment and folding mechanisms	21
8.5	Strangulation hazards due to cords, ribbons and similar parts (see A.4.3)	21
8.5.1	Requirements	21
8.5.2	Test method	22
8.6	Choking and ingestion hazard (see A.4.4)	22
8.6.1	Requirements	22
8.6.2	Test methods	22
8.7	Suffocation hazards from plastic packaging (see A.4.5)	23
8.7.1	Plastic packaging	23
8.7.2	Plastic decals	24
8.8	Hazards from edges, corners and protruding parts (see A.4.6)	24
8.9	Hazards from inadequate structural integrity (see A.4.7)	24
8.9.1	Static strength	24
8.9.2	Dynamic strength	25
8.10	Hazards from inadequate stability (see A.4.8)	25
8.10.1	Static stability	25
8.10.2	Dynamic stability	25
8.11	Hazards due to falling down stairs (see A.4.9)	26
8.11.1	Requirements	26
8.11.2	Test method	26
8.11.3	Tip over test	30
8.12	Parking devices	31
8.12.1	Requirements	31
8.12.2	Test method	31
9	Product information	32
9.1	General	32
9.2	Marking of the product	33
9.3	Purchase information	33
9.4	Instructions for use	34
Annex A (informative)	Rationales	35
A.1	Introduction	35
A.2	Chemical hazards (see Clause 6)	35
A.3	Thermal hazards (see Clause 7)	35
A.4	Mechanical hazards (see Clause 8)	35
A.4.1	Entrapment hazards (see 8.1)	35

EN 1273:2020 (E)

A.4.2 Hazards due to moving parts (see 8.2)	35
A.4.3 Strangulation hazards (see 8.5)	36
A.4.4 Choking and ingestion hazards (see 8.6)	36
A.4.5 Suffocation hazards (see 8.7)	36
A.4.6 Hazardous edges, corners and protruding parts (see 8.8)	36
A.4.7 Hazards from inadequate structural integrity (see 8.9)	36
A.4.8 Hazards from inadequate stability (see 8.10)	36
A.4.9 Hazards due to falling down stairs (see 8.11)	36
Annex B (normative) Test platform for tip over test	37
Annex C (normative) Warnings	38
Annex D (informative) A-deviations	59

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.

EN 1273:2020 (E)**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.

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*

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)*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN