SLOVENSKI STANDARD
oSIST prEN 1129:2026

01-december-2026

Pohištvo - Sklopne postelje - Varnostne zahteve in preskusne metode

Furniture - Foldaway beds - Safety requirements and test methods

Möbel - Klappbetten - Sicherheitstechnische Anforderungen und Prüfverfahren

Ameublement - Lits rabattables - Exigences de sécurité et méthodes d’essai

Sample Document

Ta slovenski standard je istoveten z: **prEN 1129**

---

get full document from standards.iteh.ai

ICS:

97.140	Pohištvo	Furniture

oSIST prEN 1129:2026 **en,fr,de**

2003-01.Slovenski inštitut za standardizacijo. Razmnoževanje celote ali delov tega standarda ni dovoljeno.

Sample Document

get full document from standards.iteh.ai

oSIST prEN 1129:2026

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

DRAFT
prEN 1129

October 2026

ICS 97.140

Will supersede EN 1129-1:1995, EN 1129-2:1995

English Version

Furniture - Foldaway beds - Safety requirements and test methods

Ameublement - Lits rabattables - Exigences de sécurité et méthodes d'essai

Möbel - Klappbetten - Sicherheitstechnische Anforderungen und Prüfverfahren

This draft European Standard is submitted to CEN members for second enquiry. It has been drawn up by the Technical Committee CEN/TC 207.

If this draft becomes a European Standard, 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.

This draft European Standard was established by CEN 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.

Sample Document

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, Türkiye and United Kingdom.

get full document from standards.iteh.ai

Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

Warning : This document is not a European Standard. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a European Standard.

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

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

© 2026 CEN All rights of exploitation in any form and by any means reserved worldwide for CEN national Members.

Ref. No. prEN 1129:2026 E

oSIST prEN 1129:2026 • https://standards.iteh.ai/catalog/standards/sist/1dc4ae95-ecff-4077-8b05-d36d31bbc798/osist-pren-1129-2026

oSIST prEN 1129:2026

Contents

Page

European foreword 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 5

4 General test conditions 7
4.1 Preliminary preparation 7
4.2 Application of forces 7
4.3 Tolerances 7

5 Test equipment 8
5.1 General 8
5.2 Loading pad 8
5.3 Test floor 8
5.4 Stops 9

6 Safety requirements 9
6.1 General safety requirements 9
6.2 Shearing and compression points 9
6.3 Stability of free-standing foldaway beds 9
6.3.1 Stability – Forward 9
6.3.2 Stability - Rearward 12
6.4 Mounting of the bed to the building structure 13
6.4.1 Requirement 13
6.4.2 Test method 14
6.5 Intended opening 15
6.5.1 Requirement 15
6.5.2 Test method 17
6.6 Intended closing 18
6.6.1 Requirement 18
6.6.2 Test method 18
6.7 Durability of foldaway mechanism 19
6.7.1 Non-electrically operated foldaway mechanisms 19
6.7.2 Electrically operated foldaway mechanisms 19
6.8 Unintended closing 20
6.8.1 Requirement 20
6.8.2 Test method 20
6.9 Unintended opening 21
6.9.1 Unintended opening, all foldaway beds 21
6.9.2 Unintended opening of foldaway beds with a seat function 23
6.9.3 Unintended opening of foldaway beds with an additional table function 23
6.10 Locking mechanism 24
6.10.1 Requirement – All locking mechanisms 24
6.10.2 Durability test 24

7 Test sequence 24

8 Installation and product information 24

iTeh Standards Document
Get full document from standards.iteh.ai

oSIST prEN 1129:2026 • https://standards.iteh.ai/catalog/standards/sist/1dc4ae95-ecff-4077-8b05-d36d31bbc798/osist-pren-1129-2026

oSIST prEN 1129:2026

9 Marking 25

10 Test report 26

Annex A (informative) Rationale 27

Annex B (informative) Explanation of the determination of the number of fixings required per anchor device 29

Annex C (informative) Purchase information (guideline) 35

Sample Document

get full document from standards.iteh.ai

oSIST prEN 1129:2026 • https://standards.iteh.ai/catalog/standards/sist/1dc4ae95-ecff-4077-8b05-d36d31bbc798/osist-pren-1129-2026

oSIST prEN 1129:2026

European foreword

This document (prEN 1129:2026) has been prepared by Technical Committee CEN/TC 207 “Furniture”, the secretariat of which is held by UNI.

This document is currently submitted to the second CEN Enquiry.

This document will supersede EN 1129-1:1995 and EN 1129-2:1995.

prEN 1129:2026 includes the following significant technical changes with respect to EN 1129-1:1995 and EN 1129-2:1995:

— combination of requirements and test methods;

— test methods updated/modified in order to serve requirements properly;

— introduction of requirements for free-standing foldaway beds;

— introduction of a durability test for electrically operated foldaway bed mechanisms;

— introduction of requirements for foldaway beds with additional functions, such as seating and tables functions;

— structure revised and requirements/text aligned with other furniture standards;

— modification of requirements relating to unintended closing/opening to reflect actual risks;

— introduction of locking mechanism requirements and durability;

— update of the requirements for instructions for use;

— the test scheme from Annex A of the previous version was replaced by the test sequence in Clause 7;

— addition of a new informative Annex A containing a rationale of the tests and requirements;

— addition of a new informative Annex B with gives examples for the determination of the number of fixings required per anchor device;

— addition of a new informative Annex C with guidelines for purchase information.

Sample Document
get full document from standards.iteh.ai

oSIST prEN 1129:2026 • https://standards.iteh.ai/catalog/standards/sist/1dc4ae95-ecff-4077-8b05-d36d31bbc798/osist-pren-1129-2026

oSIST prEN 1129:2026

1 Scope

This document specifies safety requirements and test methods for foldaway beds for domestic and non-domestic use.

The requirements are only applicable to the foldaway function of the bed.

The safety, strength and durability of the bed itself, including high beds and bunk beds, as well as other functions e.g. seating, tables or storage, are covered by other European Standards.

Safety that is dependent upon the structure of the building is not included.

It does not include requirements for electrical safety.

It does not include requirements for the resistance to ageing, degradation and flammability.

The requirements are applicable without regard to materials, design, construction or manufacturing process.

This document does not apply to folding beds, camping beds and convertible bed/chairs or settees which are covered by other European safety standards.

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 1728:2012, *Furniture - Seating - Test methods for the determination of strength and durability*

Sample Document

3 Terms and definitions

get full document for preview on iteh.ai

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

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

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at https://www.electropedia.org/

3.1
foldaway bed
bed equipped with an opening/closing mechanism, which is rotated about at least one horizontal axis, allowing the bed to be stored against a wall, or in a cabinet when not in use

Note 1 to entry: The entire bed is either freestanding or fixed to the building structure.

3.2
open position
configuration of the bed where the sleeping surface is positioned for sleeping

3.3
closed position
configuration of the bed where the sleeping surface is positioned for storing

3.4
parts accessible during opening and closing
parts to which access can only be gained when opening and closing the bed, when a mattress equivalent to the minimum size of mattress recommended by the manufacturer is on the sleeping surface

oSIST prEN 1129:2026 • https://standards.iteh.ai/catalog/standards/sist/1dc4ae95-ecff-4077-8b05-d36d31bbc798/osist-pren-1129-2026

oSIST prEN 1129:2026

3.5
sleeping surface
part on which a mattress is placed

3.6
end pivoted bed
foldaway bed pivoting around one short side of the sleeping surface

3.7
side pivoted bed
foldaway bed pivoting around one long side of the sleeping surface

3.8
levelling device
adjustable device intended to keep the item of furniture perpendicular to the floor

3.9
locking mechanism
assembly consisting of one or more locking device(s) and one or more operating device(s)

Note 1 to entry: A locking mechanism could be engaged automatically or manually.

Note 2 to entry: Example for a locking mechanism: automatic latch lock.

3.10
locking device
component that maintains part(s) of the product in one of the end positions (open or closed position)

EXAMPLE Latch, a hook, an over centre lock.

Sample Document
get full document from standards.iteh.ai

3.11
operating device
part of the locking mechanism(s) designed to be activated by the user by one or several action(s)

3.12
equilibrium
state in which opposing forces or influences are balanced

3.13
equilibrium zone
zone where the foldaway bed is between open position (configuration where the sleeping surface is positioned for sleeping) and closed position (configuration where the sleeping surface is positioned for storing), measured in degrees from the closed position, in which the state of equilibrium exists

3.14
pilot hole
small hole drilled as a guide for the insertion of a nail or screw, or for the drilling of a larger hole

3.15
anchor device
component to fix the foldaway bed structure to a building structure

oSIST prEN 1129:2026 • https://standards.iteh.ai/catalog/standards/sist/1dc4ae95-ecff-4077-8b05-d36d31bbc798/osist-pren-1129-2026

oSIST prEN 1129:2026

3.16
duty cycle
length of time an electrically powered operating mechanism may be operated without impairing its useful life

4 General test conditions

4.1 Preliminary preparation

The bed shall be tested as delivered. The bed shall be assembled and/or configured according to the instructions supplied. Unless otherwise stated, the most adverse configuration shall be used for each test. If mounting or assembly instructions are not supplied, the mounting or assembly method shall be recorded in the test report. Fittings shall be tightened before testing and shall not be retightened unless specifically required in the manufacturer's instructions. If the configuration needs to be changed in order to produce worst-case conditions, this shall be recorded in the test report.

Levelling devices shall be set as near as possible to 5 mm from their fully open position, whilst ensuring the unit is horizontal to the floor.

For freestanding beds fitted with castors, the castors shall be set to the most adverse position and, for lockable castors, the castors shall be locked.

Freestanding foldaway beds shall be secured against unintentional rolling away or sliding during testing by blocking with stops (5.4).

In case the product was moved before any testing, open and close the bed 10 times before testing.

Unless otherwise specified by the manufacturer, the sample for test shall be stored in indoor ambient conditions for at least 24 h immediately prior to testing.

The tests shall be carried out at indoor ambient conditions but if during a test the temperature is outside the range 15 °C to 27 °C the maximum and/or minimum temperature shall be recorded in the test report.

If a test cannot be carried out as specified, e.g. because a loading pad cannot be used for the application of a force due to the design of a product, the test shall be carried out as closely as possible to that specified. Any modification to the test method shall be technically justified and recorded in the test report. Before beginning the testing, visually inspect the bed thoroughly. Record any defects so that they are not assumed to have been caused by the tests. Carry out measurements, if specified.

4.2 Application of forces

The test forces in the static load tests shall be applied sufficiently slowly to ensure that negligible dynamic load is applied. Unless otherwise specified, each specified force shall be maintained for not less than 10 s and not more than 15 s.

The forces may be replaced by masses. The relationship 10 *N* = 1 kg shall be used.

The weight of the loading pad and any associated test equipment shall be considered when applying the test load.

4.3 Tolerances

Unless otherwise stated the following tolerances are applicable:

— forces: ± 5 % of the nominal force;

— velocities: ± 5 % of the nominal velocity;

— masses: ± 1 % of the nominal mass;

oSIST prEN 1129:2026 • https://standards.iteh.ai/catalog/standards/sist/1dc4ae95-ecff-4077-8b05-d36d31bbc798/osist-pren-1129-2026