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Furniture - Bunk beds and high beds - Part 2: 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. 05/24

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EUROPEAN STANDARD

EN 747-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

## Furniture - Bunk beds and high beds - Part 2: Test methods

Meubles - Lits superposés et lits surélevés - Partie 2 :  
Méthodes d'essai

Möbel - Etagenbetten und Hochbetten - Teil 2:  
Prüfverfahren

This European Standard was approved by CEN on 12 February 2024.

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.

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**EN 747-2:2024 (E)**

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## European foreword

This document (EN 747-2:2024) has been prepared by Technical Committee CEN/TC 207 “Furniture”, the secretariat of which is held by UNI.

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of an identical text or by endorsement, at the latest by September 2024, and conflicting national standards shall be withdrawn at the latest by September 2024.

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 747-2:2012+A1:2015.

In comparison with the previous edition, the following technical modifications have been made:

- Conditions of preliminary preparation;
- Improvement of description, addition of some test equipment;
- Alignment of the test method on holes, gaps and openings, to follow EN 747-1;
- Addition of a horizontal static load test on safety barriers;
- Addition of strength tests on the safety barriers;
- Addition of static and impact tests for handrails, platforms and platform barriers.

EN 747 is divided into the following parts:

- EN 747-1, *Furniture — Bunk beds and high beds — Part 1: Safety, strength and durability requirements*;
- EN 747-2, *Furniture — Bunk beds and high beds — Part 2: Test methods*.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

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, Türkiye and the United Kingdom.

**EN 747-2:2024 (E)****Introduction**

This part of EN 747 describes a number of tests consisting of the application, to various parts of bunk beds and high beds, of loads or forces intended to represent one adult occupant per bed during normal functional use. It also deals with misuses that can be reasonably expected to occur.

The tests are designed to evaluate properties without regard for materials, design/construction or manufacturing processes.

## 1 Scope

This document specifies test methods for the safety, strength and durability of bunk beds and high beds for domestic and non-domestic use.

The tests are applicable to beds with an internal length greater than 1 400 mm and a maximum bed base width of 1 200 mm and with the upper surface of a bed base 600 mm or more above the floor.

The tests are designed to be applied to a bed that is fully assembled and ready for use.

The applicable safety requirements are given in EN 747-1:2024.

## 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 747-1:2024, *Furniture — Bunk beds and high beds — Part 1: Safety, strength and durability requirements*

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

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**