



BSI Standards Publication

Furniture — Beds — Requirements for safety, strength and durability

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National foreword

This British Standard is the UK implementation of EN 1725:2023. It supersedes BS EN 1725:1998, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee FW/0/2, Domestic and Contract Furniture.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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English Version

Furniture - Beds - Requirements for safety, strength and durability

Meubles - Lits - Exigences de sécurité, solidité et durabilité

Möbel - Betten - Anforderungen an Sicherheit, Festigkeit und Dauerhaltbarkeit

This European Standard was approved by CEN on 22 October 2023.

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

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European foreword

This document (EN 1725:2023) 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of an identical text or by endorsement, at the latest by month May 2024, and conflicting national standards shall be withdrawn at the latest by May 2024.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 1725:1998.

In comparison with the previous edition EN 1725:1998, the following technical modifications have been made:

- addition of horizontal test methods;
- addition of test method for durability of electrically operated bed mechanism;
- reference to the test methods of ISO 19833:2018;
- introduction of requirements for guest beds;
- introduction of requirement for non-domestic use;
- introduction of information for use;
- addition of requirements for strength and durability;
- addition of entanglement hazards.

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.

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1 Scope

This document specifies requirements on safety, strength and durability for all types of fully assembled beds used by adults in domestic and non-domestic environments including their components, such as bed frames, bed bases, mattresses and mattress pads (when they form a unit with the mattress) and, when supplied with the bed base, mattresses and mattress pads.

The tests are based on use by persons weighing up to 110 kg.

With the exception of sleeping functions, it does not apply to foldaway beds.

It does not apply to bunk beds, high beds and medical beds where separate standards exist, as well as waterbeds and air beds.

Additional requirements can be applicable to items that have additional functions, e.g. storage features, day beds and convertible sofa-beds.

The durability test, 6.6.1, test 11, applies only to electrically operated beds.

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

Annex A (normative) specifies test methods for finger entrapment.

Annex B (informative) gives a rationale.

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 1728:2012¹, *Furniture — Seating — Test methods for the determination of strength and durability*

EN 13759:2012, *Furniture — Operating mechanisms for seating and sofa-beds — Test methods*

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

ISO 19833:2018, *Furniture — Beds — Test methods for the determination of stability, strength and durability*

3 Terms and definitions

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

unframed slat base

bed base consisting of separate slats flexibly held together normally by means of textile, rubber or plastic tape

¹ As impacted by EN 1728:2012/AC:2013.