
**Bunk beds and high beds — Safety
requirements and tests —**

**Part 1:
Safety requirements**

*Lits superposés et lits hauts — Exigences de sécurité et essais —
Partie 1: Exigences de sécurité*





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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

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For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

This document was prepared by ISO/TC 136, *Furniture*.

This second edition cancels and replaces the first edition (ISO 9098-1:1994), which has been technically revised.

The main changes are as follows:

- modification of the title;
- specification of the scope;
- terms and definitions of high bed, tread, completely bound opening, partially bound opening, upper bed, means of access, and handrail added;
- requirements for the materials improved;
- requirements for vertically protruding parts added;
- requirements for accessible holes, gaps and openings added;
- requirements for bed base(s) given in more detail;
- requirements for safety barriers around beds added;
- requirements for means of access added;
- requirements for shear and squeeze points added;
- requirements for platform and stairs added;
- requirements for all other accessible holes, gaps or openings added;
- requirements for strength of means of access: Attachment, deflection and strength added;

- requirements for strength of frame and fastenings given in more detail;
- requirements for the stability given in more detail;
- requirements for the instructions for use given in more detail;
- requirements for the marking given in more detail;
- requirements for the purchase information added;
- addition of informative [Annex A](#) and informative [Annex B](#).

A list of all parts in the ISO 9098 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Bunk beds and high beds — Safety requirements and tests —

Part 1: Safety requirements

1 Scope

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

It applies to bunk beds and high 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 of 600 mm or more above the floor.

Requirements for other products incorporated in a bunk bed/high bed, for example a table or storage furniture, are not included in this document.

This document does not apply to bunk beds and high beds used for special purposes, including but not limited to prison, the military and fire brigades.

2 Normative reference

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.

ISO 9098-2:2023,¹⁾ *Bunk beds and high beds — Safety requirements and tests — Part 2: Test methods*

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

bunk bed

set of components that can be assembled as two beds, one above the other, where the upper surface of any bed base is 600 mm or more above floor

3.2

high bed

set of components that can be assembled as a bed, where the upper surface of the top bed base is 600 mm or more above the floor, irrespective of the use to which the space below is put

1) Under preparation. Stage at the time of publication: ISO/FDIS 9098-2:2022.