

INTERNATIONAL
STANDARD

ISO
9098-1

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**Bunk beds for domestic use — Safety
requirements and tests —**

Part 1:
Safety requirements

*Lits superposés pour usage domestique — Spécifications de sécurité et
essais —*

Partie 1: Spécifications de sécurité



Reference number
ISO 9098-1:1994(E)

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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 9098-1 was prepared by Technical Committee ISO/TC 136, *Furniture*, Subcommittee SC 5, *Domestic furniture*.

ISO 9098 consists of the following parts, under the general title *Bunk beds for domestic use — Safety requirements and tests*:

- *Part 1: Safety requirements*
- *Part 2: Test methods*

Bunk beds for domestic use — Safety requirements and tests —

Part 1: Safety requirements

1 Scope

This part of ISO 9098 specifies requirements relating to the safety of bunk beds for domestic use. It is in particular intended to minimize the risk of accidents happening to children. Only the sleeping function is considered.

This part of ISO 9098 also applies to single beds for use at a height of the bed base of 800 mm or more above floor level, irrespective of the use to which the space below is put.

2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this part of ISO 9098. At the time of publication, the edition indicated was valid. All standards are subject to revision, and parties to agreements based on this part of ISO 9098 are encouraged to investigate the possibility of applying the most recent edition of the standard indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 9098-2:1994, *Bunk beds for domestic use — Safety requirements and tests — Part 2: Test methods*.

3 Definitions

For the purposes of this part of ISO 9098, the following definitions apply.

3.1 bunk bed: Set of components that can be assembled as beds, one stacked upon the other, or any bed in which the upper surface of the bed base is 800 mm or more above floor level.

3.2 bed end structures: Upright unit at the head and foot of the bed, to which the side rails and bed base are attached.

3.3 bed base: Base or support structure for a mattress.

3.4 safety barrier: Component intended to prevent an occupant from falling out of the bed.

3.5 side rail: Longitudinal member attached to the bed end structure by which the bed base can be supported.

4 Safety requirements

4.1 Materials

Wood and wood-based materials shall be free from decay and insect attack.

4.2 Construction

Exposed edges and protruding parts shall be rounded and free from burrs or sharp edges. There shall be no open-ended tubes.

All assembly, fastening and pilot holes shall be drilled by the manufacturer.