

Australian/New Zealand Standard™

**Cots for household use—Safety
requirements**



AS/NZS 2172:2003

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee CS-003, Safety Requirements for Children's Furniture. It was approved on behalf of the Council of Standards Australia on 19 September 2003 and on behalf of the Council of Standards New Zealand on 30 September 2003. This Standard was published on 17 November 2003.

The following are represented on Committee CS-003:

Australian Chamber of Commerce and Industry
Australian Competition and Consumer Commission
Australian Consumers' Association
Australian Industry Group
Australian Retailers Association
Barnardos New Zealand
Commercial Furniture Industry Association of Australia
Competition and Consumer Policy Division, Department of The Treasury
Consumer Affairs Victoria
Consumers' Federation of Australia
Department of Consumer and Employment Protection (WA)
Department of Human Services (South Australia)
Department of Tourism, Racing and Fair Trading, (Qld)
Furnishers Society of Victoria
Furniture Association of New Zealand
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Infant Nursery Products Association of Australia
Ministry of Consumer Affairs (New Zealand)
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Australian/New Zealand Standard™

Cots for household use—Safety requirements

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee CS-003, Safety Requirements for Children's Furniture to supersede AS/NZS 2172:1995.

This Standard incorporates Amendment No. 1 (January 2006) and Amendment No. 2 (November 2008). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

The first edition of this Standard, AS 2172—1978, was prepared at the request of the former Consumer Standards Advisory Committee. The document underwent several revisions to widen its scope, incorporate additional requirements and clarify existing ones. The first edition of NZS 5810 in 1979 was an endorsement of BS 1753:1977 with minor amendment, followed in 1992 by the second edition, an endorsement of AS 2172—1991, again with minor amendment.

This edition includes requirements which are adopted from the International and European Standards.

The objective of this Standard is to provide regulatory authorities with essential safety requirements and to provide manufacturers with functional, durability, stability and performance criteria to meet these safety requirements, in order to reduce the likelihood of deaths or injuries to children.

The term 'normative' has been used in this Standard to define the application of the appendix to which it applies. A 'normative' appendix is an integral part of a Standard.

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FOREWORD

Committee CS-003 has placed greater emphasis in this edition of the Standard on mattress size and in particular mattress thickness. The decision to allow adjustable base cots in the Standard has made this dimension all the more important.

It is important to maintain a minimum distance between the top of the mattress and the top of the lowest side or end of the cot to minimize the risk of a child climbing or falling out of the cot. It is also important to design an adjustable base cot so the top of the dropside remains at least 250 mm above the mattress base when the base is in the upper position.

The minimum vertical distances specified between the top of the mattress base, i.e. with no mattress, and the top edge of the lowest cot side or end, are based on the use of a mattress 100 mm thick. A mattress thicker than 100 mm will require a corresponding increase in this vertical distance to compensate.

Extra marking and labelling requirements for adjustable base cots are intended to reinforce the message to parents or carers that the mattress base should be adjusted to the lower position before the child can sit up, and also to warn about appropriate mattress thickness. The marking and labelling should be as clear and conspicuous as possible, to achieve its purpose.

The industry has researched mattress sizes and determined that the most common size is 1300 × 690 mm.

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Australian/New Zealand Standard Cots for household use—Safety requirements

1 SCOPE

This Standard specifies safety requirements for cots. These include material, design, construction, performance, labelling and marking requirements, all of which are important for the well-being of children who use cots. The Standard is applicable to cots for use in household situations. It is not applicable to folding cots. Folding cots are covered in AS/NZS 2195, however folding timber cots are required by AS/NZS 2195 to meet some parts of this Standard.

NOTE: Requirements for cots in day nurseries, hospitals and institutions are given in AS/NZS 2130.

2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

2281 Flexible cellular polyurethane for seat cushioning and bedding

AS/NZS

2130 Cots for day nursery, hospital and institutional use—Safety requirements

2195 Folding cots—Safety requirements

4491 Timber—Glossary of terms in timber-related Standards

AS/NZS ISO

8124 Safety of toys

8124.1 Part 1: Safety aspects related to mechanical and physical properties (ISO 8124-1:2000, MOD)

8124.2 Part 2: Flammability (ISO 8124-2:1994, MOD)

8124.3 Part 3: Migration of certain elements

3 DEFINITIONS

For the purpose of this Standard, the definitions below apply.

NOTE: All definitions apply to fully-assembled cots.

3.1 Access

Opening obtained by operating a part or parts of a cot to allow easier entry to the inside of the cot (see Figure 1).

3.2 Access fastening device

A means by which the component of the cot creating the access is held closed.

3.3 Child

A baby or toddler within a cot (unless otherwise stated in this Standard).

3.4 Cot

Product with raised sides and ends designed as an enclosed sleeping facility for infants and babies.