

Specification for

Safety requirements for children's travel cots of internal base length not less than 900 mm

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Consumer and Contract Goods Standards Policy Committee (CCM/-) to Technical Committee CCM/37, upon which the following bodies were represented:

- British Steel Industry
- British Steel Industry (Wire Section)
- Consumer Policy Committee of BSI
- Department of Health
- Furniture Industry Research Association
- Institute of Trading Standards Administration
- Man-made Fibres Producers' Committee
- National Bed Federation Limited
- National Fillings Trades Association

The following bodies were also represented in the drafting of the standard, through subcommittees and panels:

- Association for Consumer Research (ACRE)
- Baby Products Association
- British Association of Nursery and Pram Retailers
- British Paediatric Association
- British Retailers Association
- Child Accident Prevention Trust
- Department of Trade and Industry (Consumer Safety Unit, CA Division)
- Royal Society for the Prevention of Accidents

This British Standard, having been prepared under the direction of the Consumer and Contract Goods Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 28 June 1991

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Foreword

This British Standard has been prepared under the direction of the Consumer and Contract Goods Standards Policy Committee.

The standard specifies requirements for materials, dimensions and construction of cots that can be folded or readily dismantled for the purpose of transportation and is applicable to travel cots that have a length of not less than 900 mm. It was originally intended to prepare a second Part to this specification to cover smaller travel cots. With the commencement of work on the preparation of European Standards for cots and travel cots it has been decided not to begin work on the second Part as the UK will be taking an active part in the European work.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations. In particular, attention is drawn to Statutory Instrument No. 1324 The Furniture and Furnishings (Fire) (Safety) Regulations 1988 and Statutory Instrument No. 2358 The Furniture and Furnishings (Fire) (Safety) (Amendment) Regulations 1989.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 10, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

1 Scope

This British Standard specifies safety requirements for children's travel cots of internal base length not less than 900 mm. It covers materials, dimensions and construction.

NOTE 1 Guidance on the selection and use of materials is given in Appendix A.

NOTE 2 The titles of the publications referred to in this standard are listed on the inside back cover.

2 Definition

For the purposes of this British Standard the following definition applies.

2.1

travel cot

a cot intended for occasional use that can be folded or readily dismantled for the purpose of transportation

3 Materials

3.1 Plastics

Plastics on any part of the travel cot shall not contain any soluble antimony, arsenic, barium, cadmium, chromium, lead or mercury, or any soluble compound of any of those elements, which exceeds the following amounts when determined in accordance with 8.2 and 9.2 of BS 5665-3:1989:

antimony	250 mg/kg
arsenic	100 mg/kg
barium	500 mg/kg
cadmium	100 mg/kg
chromium	100 mg/kg
lead	250 mg/kg
mercury	100 mg/kg

3.2 Coatings and finishes

Any coating of paint, varnish, lacquer or similar substance on any part of the travel cot shall not contain any soluble antimony, arsenic, barium, cadmium, chromium, lead or mercury, or any soluble compound of any of those elements, which exceeds the following amounts when determined in accordance with 8.1 and 9.1 of BS 5665-3:1989:

antimony	250 mg/kg
arsenic	100 mg/kg
barium	500 mg/kg
cadmium	100 mg/kg
chromium	100 mg/kg
lead	250 mg/kg
mercury	100 mg/kg

Where a surface is coated with a multilayer of paint or similar coating the sample shall be taken down to the substrate.

3.3 All materials

Where different parts of a travel cot are coated with or made of different materials, the coating or plastics of each part shall comply with 3.1 and 3.2. The requirements shall not apply to any coating unless it is possible to obtain at least 10 mg of that coating from a single cot.

3.4 Dyed textiles

Dyed textiles used in any part of the travel cot, when tested in accordance with section E04 of BS 1006:1990, shall give a numerical rating for change in colour of not less than 4 and a fastness grade for staining of not less than 3.

3.5 Fabrics and fabric assemblies

When tested in accordance with Appendix B, any textile fabric forming an integral part of the travel cot, excluding the mattress, shall comply with the following flammability performance requirements:

- a) none of the six specimens shall sever the 300 mm trip thread in less than 10 s;
- b) none of the six specimens shall sever the 600 mm trip thread in less than 20 s.

If any one of the six specimens tested fails to comply with either performance requirement, then a further six specimens shall be tested. None of the second group of specimens shall fail to comply with either of the performance requirements.

4 Dimensions

4.1 The minimum distance between the mattress base and the top edge of the sides and ends of travel cots sold without a mattress shall be not less than 595 mm.

4.2 If a mattress is sold as part of the travel cot, the mattress shall be not more than 40 mm shorter or narrower than the mattress base, and the depth of the mattress shall not reduce the internal height of the cot above the mattress to less than 495 mm. These measurements shall be calculated by subtracting the length or width of the mattress from the length or width of the mattress base or the depth of the mattress from the depth from the mattress base to the top edge of the sides or ends of the cot.

NOTE Any mattress sold as part of the travel cot should comply with BS 1877-10:1982 with the exception of clause 5.