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## Testing of Edward crib

(1 appendix)

### 1 Introduction

On behalf of Bädd & Bad AB an Edward crib has been tested by SP in accordance with EN 716:2008+A1:2013 Furniture - Children's cots and folding cots for domestic use - Part 1: Safety requirements and Part 2: Test methods.

### 2 Test object



Figure 1 Edward crib

Dimensions:	W=640 mm, L=1240 mm, H=730 mm
Frame:	Foil coated MDF 18 mm,
Slats:	Plastic tube Ø15 mm
Mattress base:	MDF 10 mm
Castors:	Ø50 mm, two lockable
Mattress:	Flexible foam 1180x590x55 mm covered with removable fabric
Function:	Foldable (se figure 1 in appendix 1)

The test object was selected by the client and arrived at SP 2013-06-14

A modified mattress base arrived at SP 2014-01-15.

The age of the object is not known.

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### 3 Test methods

Before testing commenced, the test object was conditioned for 1 week in a climate of 23±2° C and 50±5 % relative humidity. All testing was carried out under these conditions.

The test was carried out in accordance with EN 716:2008+A1:2013 Furniture - Children's cots and folding cots for domestic use - Part 1: Safety requirements and EN 716:2008+A1:2013 Furniture - Children's cots and folding cots for domestic use - Part 2: Test methods.

The test was carried out over the period 2013-06-25 – 2014-01-24.

### 4 Results

The results are reported in Table 1.

**Table 1 Results**

EN 716-1	Test sequence	Results
4.2.1	Materials and surfaces (EN 71-3)	Not tested
4.2.2	Flammability (EN 71-2, EN 1103)	Not tested
4.3	Initial stability	Pass
4.4.1.1	Edges and protruding parts	Pass
4.4.1.2	Self-tapping screws	Pass
4.4.1.3	Labels and decals	Pass
4.4.1.4	Small parts	Pass
4.4.1.5	Castors and wheels	Pass
4.4.2.1	Holes, gaps and openings on the inside of the cot	Pass
4.4.2.2	Assembly holes	Pass
4.4.2.3	Distance between cot base and sides and ends	Pass
4.4.2.4	Openings in mesh sides and ends	N/A
4.4.2.5	Distance between slats of the cot base	Pass
4.4.2.6	Openings in mesh of the cot base	N/A
4.4.3	Head entrapment on the outside of the cot	N/A
4.4.4.1	Shear and squeeze points when setting up and folding	Pass
4.4.4.2	Shear and squeeze points under the influence of powered mechanisms	N/A
4.4.4.3	Shear and squeeze points during use	Pass
4.4.5	Snag points	Pass
4.4.6	Locking systems for folding cots	Pass
4.4.7.1	Folding test of the mattress base and cot base	Pass

EN 716-1	Test sequence	Results
4.4.7.2	Adjustable cot base	N/A
4.4.7.3	Strength of the cot base	Pass
4.4.8.1	Movable sides	N/A
4.4.8.2	Distance between footholds and top of cot sides and ends	Pass
4.4.8.3	Strength of side and end components	Pass
4.4.8.4	Strength of frame and fastenings	Pass
4.4.9	Cot rim	N/A
4.5	Final stability	Pass
4.6	Mattress size	Pass
5	Packaging	Not tested
6	Instructions for use	Not assessed
7	Marking	Pass

## 5 Conclusion

At the end of the test, Edward crib did not exhibit any faults, fractures or other damage judged to affect its safety and functions.

Edward crib meet the requirements in EN 716:2008+A1:2013 as far as tested.

Materials (clause 4.2.1) was not tested.

Flammability (clause 4.2.2) was not tested.

Packaging (clause 5) was not tested

Instruction for use (clause 6) was not assessed

The test results apply solely to the specimen tested.

## SP Technical Research Institute of Sweden Wood Technology

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## Appendix

1. Pictures (1 page)

Appendix 1

**Pictures**



**Figure 1**



**Figure 2**