

DIN EN 716-2:2013-03 (E)

Furniture - Children's cots and folding cots for domestic use - Part 2: Test methods (includes Amendment A1:2013)

Contents	Page
Foreword	4
1 Scope	5
2 Normative references	5
3 General test conditions	5
3.1 Preliminary preparation	5
3.2 Test equipment	5
3.3 Application of forces	6
3.4 Tolerances	6
3.5 Test sequence	6
3.6 Prevention of movement during test	6
4 Test apparatus	6
4.1 Measuring probes	6
4.2 Bottom impactor	7
4.3 Test mattress	8
4.4 Side impactor	8
4.5 Loading pad	9
4.6 Stops	9
4.7 Floor surface	10
4.8 Test chain and mass	10
4.9 Small parts cylinder	10
4.10 Test mass	11
4.11 Bite tester	11
4.12 Retaining block	12
4.13 Foothold template	12
4.14 Head probes	13
4.14.1 Small head probe	13
4.14.2 Large head probe	14
4.15 Template for V-shaped openings	14
4.16 Test dummy	15
5 Test procedures	15
5.1 Assembly and inspection	15
5.2 "Stability - test"	16
5.3 Footholds	16
5.3.1 "Determination of a foothold"	16
5.3.2 "Tests for footholds"	18
5.3.3 "Measurement of distance between footholds and/or top of cot sides and ends"	21
5.4 Measurements	21
5.4.1 Holes, gaps and openings inside the cot	21
5.4.2 Holes, gaps and openings on the outside of the cot	22
5.5 Small parts	24
5.5.1 General	24
5.5.2 Torque test	24
5.5.3 Tension test	25
5.6 Bite test	25
5.7 "Tests for cot base and mattress base"	26
5.7.1 "Folding test of the mattress base and cot base"	26

5.7.2	!Strength of cot base and mattress base (impact test)"	26
5.8	Strength of sides and ends	27
5.8.1	Static load test of !deleted text" slats (bending test)	27
5.8.2	Strength of sides or side slats (impact test)	27
5.8.3	Strength of corners (impact test)	30
5.8.4	Strength of mesh and flexible sides and ends (static load test)	30
5.9	Strength of frame and fastenings	31
5.9.1	Vertical static load test	31
5.9.2	Durability test	32
5.10	Snag points	33
5.11	Locking mechanisms	33
5.11.1	Durability	33
5.11.2	Strength	33
5.12	Stability test	33
6	Test report	33
Annex A (informative) !A-deviations"		35
Bibliography		36