

DIN EN 71-8:2009-12 (E)

Safety of toys - Part 8: Swings, slides and similar activity toys for indoor and outdoor family domestic use (includes Amendment A4:2009)

Contents		Page
Foreword		3
1	Scope (see A1)	4
2	Normative references	4
3	Definitions	4
4	Requirements	7
4.1	General (see A.2)	7
4.2	Barriers, ladders etc (see A.3)	8
4.3	Entrapment (see A.4)	10
4.4	Stability of activity toys other than slides, swings and activity toys with crossbeams, and see-saws	12
4.5	Slides (see A.5)	13
4.6	Swings (see A.6)	15
4.7	See-saws	19
4.8	Carousels and rocking activity toys (see A.7)	19
5	Warnings and labelling	20
5.1	Labelling	20
5.2	Assembly and installation instructions	20
5.3	Maintenance	21
6	Test methods	21
6.1	Stability	21
6.2	Static strength	25
6.3	Dynamic strength of barriers and handrails (see 4.2.1)	27
6.4	Test for head and neck entrapment (see 4.3)	29
6.5	Toggle test (see 4.3.2)	34
6.6	Diameter of ropes and chains for swings (see 4.6.7) and diameter of climbing and swinging ropes (see 4.1.5)	37
Annex A (informative) Rationale		38
A.1	Activity toys	38
A.2	General requirements (see 4.1)	38
A.3	Barriers, ladders etc (see 4.2)	38
A.4	Entrapment (see 4.3)	38
A.5	Slides (see 4.5)	39
A.6	Swings (see 4.6)	39
A.7	Rocking "activity toys" and similar toys (see 4.8)	39
A.8	Corners and edges (see 4.1.3)	39
A.9	General requirements (maximum height) (see 4.1.2)	39
A.10	Ladders and similar means of access to activity toys (see 4.2.2)	40
A.11	Clearance between swing elements and the ground for crossbeams with a maximum height of 1 200 mm (see 4.6.6)	40
A.12	Stability of swings and other activity toys with crossbeams (see 6.1.4.1.3)	40
A.13	Retaining sides for slides (see 4.5.2)	40
Annex B (informative) Bibliography		41
Annex ZA (informative) "Clauses of this European Standard addressing essential requirements or other provisions of EU Directives"		42&