

# ISO 8124-4:2010-04 (E)

## Safety of toys - Part 4: Swings, slides and similar activity toys for indoor and outdoor family domestic use

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Requirements .....	5
4.1	General .....	5
4.2	Barriers .....	10
4.3	Rung ladders, stepladders and stairways .....	11
4.4	Entrapment .....	12
4.5	Stability of activity toys other than slides, swings and toys with crossbeams .....	14
4.6	Slides .....	15
4.7	Swings .....	18
4.8	Seesaws .....	21
4.9	Carousels and rocking toys .....	21
5	Warnings and labelling .....	22
5.1	Labelling .....	22
5.2	Assembly and installation instructions .....	22
5.3	Maintenance instructions .....	23
6	Test methods .....	24
6.1	Stability .....	24
6.2	Static strength .....	31
6.3	Dynamic strength of barriers and handrails (see 4.2) .....	32
6.4	Determination of impact from swing elements (see 4.7.4) .....	33
6.5	Test for head and neck entrapment .....	37
6.6	Toggle test (see 4.4.2) .....	41
6.7	Test for protrusions (see 4.1.4) .....	44
6.8	Durability test for suspension connectors and means of suspension (see 4.7.8) .....	47
Annex A (informative)	Rationale .....	50
Annex B (informative)	Consumer information sheet for playground surfacing materials .....	53
Bibliography .....		54