ISO 8124-4:2010-04 (E)

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

Contents

Page

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