

DIN EN 1176-2:2008-08 (E)

Playground equipment and surfacing - Part 2: Additional specific safety requirements and test methods for swings

Contents		Page
Foreword	3
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
4	Safety requirements	9
4.1	General	9
4.2	Ground clearance	9
4.3	Seat clearance for single point swing (Type 3)	9
4.4	Minimum clearance and lateral stability of swing seats with more than one point of suspension	9
4.5	Means of suspension	11
4.6	Impact attenuation of swing seats	11
4.7	Dynamic load for swing equipment	11
4.8	Structural integrity	12
4.9	Framework	12
4.10	Height of fall and impact area	12
4.11	Additional requirements for swings with several rotational axes (Type 2)	14
4.12	Additional requirements for single-point swings (Type 3)	14
4.13	Additional requirements for contact swings (Type 4)	14
5	Test reports	15
6	Marking	15
Annex A (informative) Recommendations for design and siting of swings		16
Annex B (normative) Determination of swing seat impact attenuation		17
Annex C (normative) Dynamic load test for suspension systems of swings		20