

DIN EN 13451-10:2014-05 (E)

Swimming pool equipment - Part 10: Additional specific safety requirements and test methods for diving platforms, diving springboards and associated equipment

Contents		Page
Foreword		3
Introduction		5
1	Scope	6
2	Normative references	6
3	Terms and definitions	6
4	Safety requirements	7
4.1	Tolerances	7
4.2	Diving platforms	7
4.2.1	General	7
4.2.2	Dimensions	7
4.2.3	Structural integrity	12
4.2.4	Clearance zones	12
4.3	Diving springboards	13
4.3.1	General	13
4.3.2	Dimensions	13
4.3.3	Structural integrity	17
4.3.4	Adjustable fulcrum	17
4.3.5	Clearance zones	18
4.4	Means of access	18
4.4.1	General	18
4.4.2	Stepladders for diving facilities	18
4.5	Safety barriers	19
4.6	Slip resistance	20
4.7	Water diving zones	21
4.8	Agitation of water surface	21
4.9	Air cushion equipment	21
4.9.1	Air inlets	21
4.9.2	Operating console	21
5	Test methods	22
5.1	General	22
5.2	Structural integrity of diving springboards	22
5.2.1	Diving springboards Type 1	22
5.2.2	Diving springboards Type 2	22
5.3	Structural integrity of stepladders	23
5.3.1	Treads	23
5.3.2	Handle bends	23
5.3.3	Stepladder complete structure	23
5.4	Structural integrity of safety barriers	24
5.4.1	Test procedure	24
5.4.2	Compliance	24
5.4.3	Failure	24
Bibliography		25