

DIN EN 913:2019-04 (E)

Gymnastic equipment - General safety requirements and test methods

Contents		Page
European foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	4
4	Risk assessment	5
5	General safety requirements	6
5.1	Materials	6
5.2	Surface finish	6
5.3	Entrapment	7
5.3.1	Gaps and shearing/crushing points	7
5.3.2	Transport system	8
5.3.3	Floor fixings	8
5.4	Stability and strength	8
5.4.1	General	8
5.4.2	Stability	8
5.4.3	Strength	8
5.5	Adjustment devices	8
5.6	Shock absorption of top padding	8
5.7	Friction and abrasion	9
5.8	Ergonomics	9
6	Marking	9
7	Manufacturer Instructions	9
Annex A (normative) Test methods for entrapment		10
Annex B (normative) Mechanical loading for determination of stability and strength		20
Annex C (normative) Determination of shock absorption of padding		24
Bibliography		26