

DIN EN 12572-2:2017-05 (E)

Artificial climbing structures - Part 2: Safety requirements and test methods for bouldering walls

	Contents	Page
European foreword	3	
1 Scope	4	
2 Normative references	4	
3 Terms and definitions	4	
4 Safety requirements and test methods	5	
4.1 Maximum height for bouldering	5	
4.2 Impact absorbing material	5	
4.2.1 General	5	
4.2.2 Impact attenuation	5	
4.3 Impact area	6	
4.3.1 Size of the impact area	6	
4.3.2 Position of foam safety mats	7	
4.4 Connection of modular foam safety mat elements	8	
4.5 Structural integrity	8	
4.6 Impact resistance and deflection of surface elements	8	
4.7 Panel insert resistance	9	
4.8 Falling space	9	
4.9 Bouldering wall surfaces	9	
5 Marking	9	
6 Instruction manual	10	
7 Technical documentation of the bouldering wall	10	
Annex A (normative) Effects	11	
Annex B (normative) Method of calculating of structural integrity and stability	13	
Annex C (normative) Testing of shock absorbing surfaces	15	
Annex D (normative) Test of surface elements	16	
Annex E (normative) Panel insert resistance test	19	
Annex F (normative) Inspection and maintenance	21	
Annex G (normative) Testing of the impact area connecting system	23	
Bibliography	25	