

DIN EN 12503-4:2013-11 (E)

Sports mats - Part 4: Determination of shock absorption

Contents		Page
Foreword		3
1	Scope	4
2	Normative references	4
3	Principle	4
4	Apparatus	4
4.1	Indentors	4
4.2	Release mechanism	6
4.3	Accelerometer	6
4.4	Data capture and processing	6
4.5	Thickness measurement	6
5	Test piece	6
6	Conditioning and test temperature	7
7	Procedure	7
7.1	Procedure A (types 1 to 11)	7
7.2	Procedure B (type 12)	8
7.2.1	Homogeneity test	8
7.2.2	Shock absorption test	9
8	Expression of results	10
8.1	Procedure A	10
8.2	Procedure B	10
8.2.1	Homogeneity test	10
8.2.2	Shock absorption test	10
9	Test report	10
Bibliography		12