

DIN EN 1629:2011-09 (E)

Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Test method for the determination of resistance under dynamic loading

Contents		Page
Foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	5
4	Apparatus	5
4.1	Test rig	5
4.2	Pendulum impactor	5
4.3	Suspension system	6
4.4	Sub-frame	6
4.5	Measuring equipment	6
5	Test specimen	6
5.1	General	6
5.2	Preparation and examination of the test specimen	7
6	Procedure	7
6.1	Test room climate	7
6.2	Impact points, directions and test sequence	8
6.2.1	General	8
6.2.2	Group 1, Group 2 and Group 3 products	8
6.2.3	Group 4 products	9
6.3	Impact test procedure	10
7	Expression of results	10
8	Test report	10
Annex A (normative)	Test equipment and impact points	12
A.1	Example of a test rig	12
A.2	Load impactor	13
A.3	Examples of mounting arrangements for doorsets	15
A.4	Examples of mounting arrangements for windows	17
A.5	Examples of mounting arrangements for wing and folding shutters	18
A.6	Examples of mounting arrangements for guide rails and roller shutters into the test rig ...	20
A.7	Examples of mounting arrangements for grilles into in the test rig	23
A.8	Impact points for doors	25
A.9	Impact points for windows	27
A.10	Impact points for shutters	28
A.11	Impact points for grilles	31
Annex B (normative)	Test sequence for dynamic loading test in resistance classes 1 to 3	33
Bibliography		34