DIN EN 1629:2021-11 (E)

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

Contents

Page

European 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 6
4.3 Suspension system 6
4.4 Sub-frame 6
4.5 Measuring equipment 6

5 Test specimen 7
5.1 General 7
5.2 Preparation and examination of the test specimen 7

6 Procedure 8
6.1 Test room climate 8
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 (informative) Test equipment and impact points 12

Annex B (informative) Test sequence for dynamic loading test in resistance classes 1 to 3 41