DIN EN 1627:2021-11 (E)

Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Requirements and classification

Contents

Page

European foreword ... 3

1 Scope ... 4

2 Normative references ... 4

3 Terms and definitions ... 5

4 Resistance classification ... 7

5 Glazing ... 8

6 Building hardware ... 8
6.1 General ... 8
6.2 Key related security ... 8
6.2.1 Requirements ... 8
6.2.2 Application to windows ... 9
6.3 Attack related security ... 10
6.4 Building hardware assessment according to their appropriate standard ... 10
6.5 Assessment of building hardware not complying with Table 3 requirements ... 12
6.5.1 General ... 12
6.5.2 Additional test and tool set for building hardware not complying with Table 3 ... 13

7 Mechanical strength ... 20
7.1 Static loading ... 20
7.2 Dynamic loading in resistance classes 1, 2 and 3 ... 23

8 Manual burglary attempts ... 23
8.1 General ... 23
8.2 Non-key operated lockable hardware ... 24

9 Classification report ... 24

10 Installation ... 24

11 Test specimens ... 24

Annex A (informative) **Recommendations for the contents of the manufacturer's installation instructions** ... 25

Annex B (informative) **Resistance classes – Classification according to EN 1627** ... 26

Annex C (normative) **Field of application** ... 28

Annex D (normative) **Procedure for testing and classification** ... 34

Annex E (informative) **Marking** ... 36