

DIN EN 1628:2021-11 (E)

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

Contents		Page
European foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	5
4	Apparatus	6
4.1	Test rig	6
4.2	Load applicators	6
4.3	Hooks	6
4.4	Straps	6
4.5	Pressure pads	6
4.6	Measuring equipment	6
4.7	Sub-frame	7
4.8	Tolerances	7
5	Test specimen	7
5.1	General	7
5.2	Preparation and examination of the test specimen	8
6	Procedure	9
6.1	Test room climate	9
6.2	General	9
6.3	Testing of group 1 and group 2 construction products	9
6.3.1	Loading points for group 1 and group 2 products	9
6.3.2	Test procedure for the infill medium retention system (product groups 1 and 2)	11
6.3.3	Test procedure for the leaf (product group 1, burglar resistance class 1)	11
6.3.4	Test procedure for the leaf (product group 1, burglar resistance classes 2 and higher)	11
6.3.5	Test procedure for the leaf (product group 2, burglar resistance class 1)	11
6.3.6	Test procedure for the leaf (product group 2, burglar resistance classes 2 and higher)	12
6.4	Failure criteria for product groups 1 and 2	12
6.5	Testing of group 3 construction products	13
6.5.1	Loading points	13
6.5.2	Loading direction	13
6.5.3	Loading and measurement procedure	13
6.5.4	Failure criteria for product group 3	14
6.6	Testing of group 4 construction products	14
6.6.1	General	14
6.6.2	Resistance of moving elements	15
6.6.3	Resistance of other loading points	15
6.6.4	Failure criteria for product group 4	15
7	Test report	15
Annex A (normative) Test equipment		17
Annex B (normative) Test sequence for static loading test in resistance classes 1 to 6		84
Annex C (normative) Dislocation of window hardware against the locking direction		85
Bibliography		88