Evidence of Performance

Burglar Resistance

Expert Statement
No. 18-000501-PR05
(GAS-D02-0511-en-02)

Client	BLASI GmbH Carl-Benz-Str. 5-15 77972 Mahlberg Germany
Product	Burglar resistant double leaf semi-circular sliding door
Designation	record Curved 180 and record Curved Convex/ Blasi 30
Overall dimensions (W x H)	Hood diameter Ø = 1,400 - 3,600 mm (Curved 180) Drive length 1,806 - 5,655 mm (Curved Convex at α ≤ 87°) Clear opening height G = 2,200 - 3,000 mm Opening angle α ≤ 87° (Curved 180), 0 ≤ α ≤ 87° (Curved Convex)
(Frame) Material	Aluminium, System Blasi 30
Attack side	Outside of building
Type of opening	Sliding
Glazing	P4A according to DIN EN 356
Hardware	Locking device: Company Agtatec Bearing: Company Blasi GmbH

Burglar resistance according to DIN EN 1627 : 2011

RC 2 / RC 2 N*)

*) Based on the test report mentioned under basis and supplementary data resulting from modifications

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Basis

DIN EN 1627 : 2011

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

DIN EN 1628 : 2011
DIN EN 1629 : 2011
DIN EN 1630 : 2011

Test report 18-000501-PR01 dated 03.09.2018

Test Report 18-000501-PR07 dated 16.04.2020

Expert Statement 18-000501-PR05 (GAS-D02-0511-de-02) dated 21.08.2020

Replaces Expert Statement 18-000501-PR05 (GAS-D02-0511-en-01) dated 28.01.2019

Design worksheets
Annex 1, pages 1 to 5

Validity

Testing for burglar resistance does not allow any statement to be made on any further characteristics regarding performance and quality of the constructions presented.

Validity of the expert statement expires with expiry of any one of the above items referred to as basis (standard or test reports)

Notes on publication

The ift-Guidance Sheet "Advertising with ift test documents" applies.

The cover sheet including the type list can be used as an abstract.

Contents

The expert statement contains a total of 2 pages

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Type list

N°	Tested type	Design variations approved by expert statement	Evidence / reports Requirements
1.	Burglar resistant double leaf semi-circular sliding door Ø 2,800 mm, height: 3,000 mm in resistance class RC2 according to DIN EN 1627 : 2011	**Record Curved 180** **Hood diameter / clear opening widths** Hood diameters from 1,400 mm to 3,600 mm are permissible. With a maximum opening angle of 87°, clear opening widths of 700 mm to 2,366 mm result.	Test report n° 18-000501-PR01 03.09.2018
2.	Burglar resistant double leaf semi-circular sliding door, Ø 2,800 mm, height: 3,000 mm in resistance class RC2 according to DIN EN 1627 : 2011	**Clear opening height** Clear opening heights from 2,200 mm to 3,000 mm are permissible. This results in installation heights of 2,474 to 3,274 mm.	Test report n° 18-000501-PR01 03.09.2018
3.	Burglar resistant double leaf semi-circular sliding door, Ø 2,800 mm, height: 3,000 mm in resistance class RC2 according to DIN EN 1627 : 2011	**Record Curved 360** A record Curved 180 RC2 is connected to the outside of the facade to form a double semi-circular sliding door. On the inside, a record Curved 180 is connected to the facade without RC requirements.	Test report n° 18-000501-PR01 03.09.2018
4.	Burglar-resistant linear, double leaf sliding door (pattern D), width 2,640 mm height 2,750 mm in resistance class RC2 according to DIN EN 1627 : 2011	**Record Curved Convex** Any radius 0 <= alpha <= 87 is permissible. This results in maximum drive lengths from 1,806 mm to 5,655 mm and opening widths from 700 mm to 2,366 mm.	Test report n° 18-000501-PR07 dated 16.04.2020

End of type list.