

Evidence of performance

Burglar resistance

Expert Statement

No. 22-004052-PR04

(GAS-D02-11-en-01)



Client
agtatec ag
Allmendstr. 24
8320 Fehrltorf
Switzerland

Basis

DIN EN 1627 : 2021
Pedestrian doorsets, windows,
curtain walling, grilles and shutter
– Burglar resistance –
Requirements and classification
DIN EN 1628 : 2021
DIN EN 1629 : 2021
DIN EN 1630 : 2021

Product Burglar resistance single and double automatic sliding door

THERMCORD 3, System 20

Designation
Single sliding door (scheme A, E-STA)
Double sliding door (scheme C, D-STA)

Opening dimensions (W x H)
E-STA: 800 mm - 2,500 mm x 2,000 mm - 3,000 mm
D-STA: 800 mm - 3,000 mm x 2,000 mm - 3,000 mm

(Frame) Material
Aluminium profiles with thermal break

Attack side Outside of building

Type of opening Lateral

Glazing min. P5A according to DIN EN 356

Hardware Company agtatec ag, Fehrltdorf

Test report
22-004052-PR02
dated 18.09.2023

Test report
22-004052-PR03
dated 12.09.2023

Test report
17-002022-PR04
dated 25.05.2018

Design sheets
Annex 1, pages 1 to 69

Validity

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

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

Burglar resistance according to DIN EN 1627 : 2021



RC 2 / 2 N*)

*) Based on the test reports listed on the right and supplementary data resulting from modifications

Notes on publication

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

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

ift Rosenheim

21.09.2023

Translation dated 13.10.2023

signed

Florian Willer, Dipl.-Ing. (FH)
Head of Testing Department
Security/Safety Testing



signed

Thomas Zimmer, M.Sc.
Operating Testing Officer
Security/Safety Testing

Contents

The expert statement contains a total of 78 pages.

Cover sheet

Type list

Expert statement

1 Order

2 Basis

3 Evaluation

4 Results and statement

Annex 1 (69 pages)

This document is valid without a signature. The original document no. 123 dated 21.09.2023 remains legally binding.

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Expert Statement 22-004052-PR04 (GAS-D02-11-en-01) dated 21.09.2023/13. octobre 2023

Client: agtatec ag, 8320 Fehrltorf (Switzerland)



Type list

No.	Tested / approved design	Design variants approved by expert statement	Evidence / reports Requirements
1.	<p>Burglar-resistant automatic sliding door, scheme C, with two panels and two mobile leaves, with a clear opening dimension (opening width / A dimension x opening height / G dimension) of 1,966 mm x 2,745 mm Tested in resistance class RC 2 according to DIN EN 1627:2021</p> <p>Burglar-resistant automatic sliding door, scheme A, with one panel and one mobile leaf, with a clear opening dimension (opening width / A dimension x opening height / G dimension) of 878 mm x 2,745 mm Tested in resistance class RC 2 according to DIN EN 1627:2021</p>	<p>Alternative dimensions</p> <p>Design of tested elements with following dimensions allowed:</p> <p>E-STA: Opening width (A dimension): 800 mm - 2,500 mm Opening height (G dimension): 2,000 mm - 3,000 mm</p> <p>D-STA: Opening width (A dimension): 800 mm - 3,000 mm Opening height (G dimension): 2,000 mm - 3,000 mm</p>	<p>Test report no. 22-004052-PR02 dated 18.09.2023</p> <p>Test report no. 22-004052-PR03 dated 12.09.2023</p>
2.	<p>Burglar-resistant automatic sliding door, scheme C, with two panels and two mobile leaves Tested in resistance class RC 2 according to DIN EN 1627:2021</p> <p>Burglar-resistant automatic sliding door, scheme A, with one panel right (seen from inside) and one mobile leaf Tested in resistance class RC 2 according to DIN EN 1627:2021</p>	<p>Alternative configurations</p> <p>Design of automatic sliding doors with opening scheme A without panel allowed.</p> <p>Design of automatic sliding doors with opening scheme C with only one or without panel allowed.</p> <p>In the case of configuration with a panel, the arrangement of the panel on the left as well as on the right is permissible for both opening schemes.</p>	<p>Test report no. 22-004052-PR02 dated 18.09.2023</p> <p>Test report no. 22-004052-PR03 dated 12.09.2023</p>

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3.	<p>Burglar-resistant automatic sliding door, scheme C, with two panels and two mobile leaves, all infillings secured with circumferential rebate bonding using Kömmerling Ködiglaze P Tested in resistance class RC 2 according to DIN EN 1627:2021</p> <p>Burglar-resistant automatic sliding door, scheme AC, with one panel and one mobile leaf, all infilling retention systems secured with circumferential rebate bonding using Kömmerling Ködiglaze P or Sika Sikaflex 221 Tested in resistance class RC 2 according to DIN EN 1627:2021</p> <p>Burglar-resistant automatic sliding door, scheme C, with two panels and two mobile leaves, all infillings secured with circumferential rebate bonding using Kömmerling GD 116 Tested in resistance class RC 3 according to DIN EN 1627:2011</p>	<p>Alternative infill safeguards</p> <p>Design of infill safeguard of glazing using the following adhesives allowed:</p> <ul style="list-style-type: none"> - Sika Sikaflex 221 - Kömmerling Ködiglaze P - Kömmerling GD 116 <p>When using Ködiglaze P and GD 116 adhesives from Kömmerling on single sliding doors as well as double sliding doors with one or no panel, make sure to use the correct release lever of the manual/emergency release as well as the bayonet lock of the casing and its holder.</p> <p>The glazing shall be identical to the tested element in terms of thickness, structure and edge cover.</p>	<p>Test report no. 22-004052-PR02 dated 18.09.2023</p> <p>Test report no. 22-004052-PR03 dated 12.09.2023</p> <p>Test report no. 17-002022-PR04 dated 25.05.2018</p>
4.	<p>Burglar-resistant automatic sliding doors, scheme C and scheme A, with installed header profile with a vertical dimension of 150 mm Tested in resistance class RC 2 according to DIN EN 1627:2021</p>	<p>Alternative profile components</p> <p>Designs of automatic sliding door of all configurations and opening schemes with header profile with vertical dimensions of 150 mm as well as 200 mm are allowed.</p>	<p>Test report no. 22-004052-PR02 dated 18.09.2023</p> <p>Test report no. 22-004052-PR03 dated 12.09.2023</p>

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5.	<p>Burglar-resistant automatic sliding door, scheme C, with fin type S and associated floor guide Tested in resistance class RC 2 according to DIN EN 1627:2021</p> <p>Burglar-resistant automatic sliding door, scheme A, with fin type S and type V with each associated floor guide Tested in resistance class RC 2 according to DIN EN 1627:2021</p>	<p>Alternative hardware components</p> <p>Design of the tested automatic sliding doors with alternatively following fin types allowed:</p> <ul style="list-style-type: none"> - Type V - Type S - Type U - Type U with leaf - Type T 	<p>Test report no. 22-004052-PR02 dated 18.09.2023</p> <p>Test report no. 22-004052-PR03 dated 12.09.2023</p>
6.	<p>Burglar-resistant automatic sliding door, scheme C, mounted in reveal Tested in resistance class RC 2 according to DIN EN 1627:2021</p> <p>Burglar-resistant automatic sliding door, scheme A, mounted in reveal Tested in resistance class RC 2 according to DIN EN 1627:2021</p>	<p>Alternative installation variants</p> <p>Installation of automatic sliding doors of all configurations, dimensions and opening schemes evaluated in this document is allowed in and behind the reveal.</p>	<p>Test report no. 22-004052-PR02 dated 18.09.2023</p> <p>Test report no. 22-004052-PR03 dated 12.09.2023</p>

End of type list.