

Evidence of performance

Burglar resistance

Expert Statement

No. 17-002022-PR05

(GAS-D02-0511-en-04)



Client	agtatec ag Allmendstr. 24 8320 Fehraltorf Switzerland
Product	Burglar resistant automatic sliding door
Designation	record THERMCORD 38
Overall dimensions (W x H)	945 mm - 6,200 mm x 2,200 mm - 3,200 mm (Maximum dimensions of leaf and panel shall be observed)
(Frame) Material	Aluminium, THERMCORD 38
Attack side	Outside of building
Type of opening	Slide, scheme C
Glazing	Double-pane insulating glass, Class P5A as per DIN EN 356 agtatec associated hardware with minimum 3 rollers per leaf, continuous guide at bottom, 2 locking devices per leaf,
Hardware	electromechanical locking device

Basis

DIN EN 1627 : 2011

Pedestrian doorsets, windows, curtain walling, grilles and shutter – Burglar resistance – Requirements and classification

DIN EN 1628 : 2011

DIN EN 1629 : 2011

DIN EN 1630 : 2011

Test Report 17-002022-PR04 dated 25.05.2018

Test Report 17-002022-PR06 dated 25.07.2024

Design sheets
Annex 1, pages 1 to 13

Replaces Expert Statement 17-002022-PR05 GAS-D02-0511-en-02 dated 06.05.2022

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.

At time of preparation of this document, the normative basis DIN EN 1627:2011 had already been replaced by the currently valid edition DIN EN 1627:2021. An evaluation according to the new edition has not been made.

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.

Burglar resistance according to DIN EN 1627:2011



RC 3*

*) Based on the test reports/evidence mentioned under basis and supplementary data resulting from modifications

ift Rosenheim

30.07.2024

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signed

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This document is valid without a signature. The original document no. 17-002022-PR05 GAS-D02-0511-de-04 dated 30.07.2024 remains legally binding.

Contents

The expert statement contains a total of 20 pages

Cover sheet

Type list

Expert statement

- 1 Order
- 2 Basis of evaluation
- 3 Evaluation
- 4 Results and statement

Annex 1 (13 pages)



Type list

No.	Tested / approved design	Design variants approved by expert statement	Evidence/reports Requirements
1.	Burglar-resistant double-leaf sliding door with overall dimensions 4,205 mm x 2,950 mm in profile system THERMCORD 38; designed in scheme C, with 2 burglar-resistant locking devices per leaf and 3 roller per leaf	<p>Alternative element sizes and variants</p> <p>Design of tested double-leaf sliding doors with or without panels in scheme C in alternative dimensions.</p> <p>Overall leaf dimensions: 472.5 mm - 1,572.5 mm x 2,000 mm - 3,050 mm</p> <p>Panels: 500 mm - 1,600 mm x 2,000 mm - 3,050 mm</p> <p>Plant sizes with/without panels: 945 mm - 6,200 mm x 2,200 mm - 3,200 mm</p> <p>Clear opening width and clear opening height: 800 mm - 3,000 mm x 2,000 mm - 3,000 mm</p> <p>With leaf widths up to 750 mm (clear width 1,400 mm), 2 rollers have to be used, from leaf widths of 751 mm, 3 rollers must always be used.</p> <p>The operating element must be installed in such a way that a minimum distance of 1,200 mm is ensured between the outermost element edge and the operating unit.</p> <p>see Annex 1, Page 1</p>	Test report no. 17-002022-PR04 dated 25.05.2018
2.	Burglar-resistant double-leaf sliding door with overall dimensions 4,205 mm x 2,950 mm in profile system THERMCORD 38; designed in scheme C, with 2 burglar-resistant locking devices per leaf and 3 roller per leaf	<p>Alternative assembly execution</p> <p>Design of tested double leaf sliding doors as lintel installation with adapter lintel profile P1967</p> <p>Mounting of lintel without panels and without cover plate is only permitted with 3 rollers per leaf.</p> <p>see Annex 1, pages 5 - 10</p>	Test report no. 17-002022-PR04 dated 25.05.2018

Type list

No.	Tested / approved design	Design variants approved by expert statement	Evidence/reports Requirements
3.	Burglar-resistant double-leaf sliding door with overall dimensions 4,205 mm x 2,950 mm in profile system THERMCORD 38; designed in scheme C, with 2 burglar-resistant locking devices per leaf and 3 roller per leaf	<p>Alternative sealing variant</p> <p>Design of tested double-leaf sliding doors alternatively with sealing variant on main closing edge P2150 centre seal TC RC3 102-376122624 and P2186 centre seal RC 3 102-376124756</p> <p>see Annex 1, pages 2 - 4</p>	Test report no. 17-002022-PR04 dated 25.05.2018
4.	Burglar-resistant double-leaf sliding door with overall dimensions 4,205 mm x 2,950 mm in profile system THERMCORD 38; designed in scheme C, with 2 burglar-resistant locking devices per leaf and 3 roller per leaf	<p>Alternative hook bar</p> <p>Design of tested or expert-approved double leaf sliding door in combination with alternative hook bar in frame</p> <p>see Annex 1, page 13</p>	Test report no. 17-002022-PR04 dated 25.05.2018
5.	<p>Burglar-resistant sliding door in profile system THERMCORD 38 with insulating glass units made of P5A and TSG in leaf and panel, P5A bonded continuously in rebate base with Kömmerling GD 116 in leaf frame and Kömmerling Ködiglaze P in panel</p> <p>Burglar-resistant sliding door in profile system THERMCORD 38 with insulating glass units made of P5A and LSG in panel, P5A bonded continuously in rebate base with Sika Sikaflex 221</p>	<p>Variants of infill safeguard</p> <p>The following adhesives may be used to secure the infill safeguard of the tested insulating glass units:</p> <p>P5A and TSG: - Kömmerling Ködiglaze P - Kömmerling GD 116</p> <p>P5A and LSG: - Kömmerling Ködiglaze P - Kömmerling GD 116 - Sika Sikaflex 221</p>	<p>Test report no. 17-002022-PR04 dated 25.05.2018</p> <p>Test report no. 17-002022-PR06 dated 25.07.2024</p>

End of type list.