

Short report – Burglary resistance

No. 23-21/09E

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|---|---|
| 1. Principal and manufacturer | SUNFLEX Aluminiumsysteme GmbH
D-57462 Wenden-Gerlingen |
| 2. Description of test specimen | SF55-WK2 |
| 3. Inspection order | Inspection according to DIN V ENV 1627:1999-04
WK 2 |
| 4. Test result | The test specimen (No. 2) corresponds to the requirements of test assignment (No. 3).
For details of test, see annexe. |
| 5. Date of test | 13 October 2009 |
| 6. Place of test | PIV
Prüfinstitut Schlösser und Beschläge Velbert |
| 7. Date of report | 9 April 2010 |
| 8. Scope of the report | 1 page cover sheet plus
3 pages of annexes
and assembly instructions |
| 9. Additional conditions to this report | <ol style="list-style-type: none">1. Our Conditions of Business apply.2. The test results apply only to the specimen tested (No. 2).3. This report may not be altered and may only be published in full.
Failure to observe this shall amount to forgery.4. This report shall be valid as long as there is no change to the testing conditions or the test specimen. |

10. Signature



R. Ehle
Dipl.-Ing.



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Applicant SUNFLEX Aluminiumsysteme GmbH
D-57462 Wenden-Gerlingen

has, at the test institute PIV
Prüfinstitut Schlösser and Beschläge Velbert
41Wallstr.
42551 Velbert

with the folding and sliding unit SF55-WK2

in the following design 3-wing folding and sliding unit with a swinging
door and fitted glass retaining strips

of the material Aluminium
System SF55
upper frame: 550010
lower frame: 550026
left/right frame: 550002
casement: 550001
glass retaining strips: 550031

Glass P4A

satisfied the requirements of **DIN V ENV 1627 in the class WK 2** on 13 October 2009.

It is entitled to describe this folding and sliding unit as follows:

Folding and sliding unit DIN V ENV 1627 WK2

The description should be indicated permanently by a sign near the area of the fold. The indicating sign should be easily legible with the casement door open and contain the following details:

- a) Folding and sliding unit DIN V ENV 1627 WK 2
- b) Product description
- c) Manufacturer
- d) Check digit No., date
- e) Test institute: Velbert
- f) Reference if necessary to certification bodies according to DIN 45011
- g) Reference to monitoring if necessary
- h) Year of manufacture

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Part of this report includes the following information regarding the window element tested by us:

The test results apply in principle only to the dimensions of the tested specimen/of the folding sliding unit with the casement dimensions

in the width : 780/750/750 mm
in the height: 2,200 mm

Further casement dimensions are possible without expert opinion from the test institute.

in the width: from 600 mm to 858 mm
in the height: from 1760 mm to 2420 mm

The test results may only be transferred to other dimensions with expert opinion from the test institute.

The following may not be exceeded:

- The maximum carrying capacity of the fittings used
- The distance from the locking points

The casement door clearance is: 8mm ± 1mm below crosswise
8mm ± 1mm above crosswise
8.5mm ± 1mm lock side
9mm + 1mm/-0.5 mm hinge side

The grasping side is the Opening side and closing side

The fittings used such as:

- the folding sliding fittings of the company SF55
SUNFLEX Aluminiumsysteme GmbH
- the window catch of the company Folding catch/standard catch
SUNFLEX Aluminiumsysteme GmbH
- Main lock/swinging door Article No.: 557748
of the company SUNFLEX Aluminiumsysteme GmbH
Quantity/design 2 pce/mushroom head lock
- Additional lock/swinging door Article No.: 557750
of the company SUNFLEX Aluminiumsysteme GmbH
Quantity/design 1 pce/bar locking device
up and down



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| - the casement bolt/folding wings
Article No.:
of the company
Quantity/design | Shoot bolt (gearing) with PZ module for WK2
558820
SUNFLEX Aluminiumsysteme GmbH
1 pce/bar locking device
up and down |
| - of the hinges
Article No.:
of the company
Quantity | Pair of hinges – stainless steel – for WK2
557738
SUNFLEX Aluminiumsysteme GmbH
9 pces/3 per casement |
| - the locking devices on the hinge side
Article No.:
of the company
Quantity | Set of security bolts for WK2
557739
SUNFLEX Aluminiumsysteme GmbH
15 pces/5 per casement |
| - the rebate clearance limiter
Article No.:
of the company
Quantity | Horizontal ramp
557740
SUNFLEX Aluminiumsysteme GmbH
10 pces |
| - the rebate clearance limiter
Article No.:
of the company
Quantity | Vertical ramp
557741
SUNFLEX Aluminiumsysteme GmbH
2 pces |

may not be exchanged for other fittings without re-examination or expert opinion of the test institute.

This report may be used as long as this pre-standard DIN V ENV 1627 and the tested construction of this folding sliding unit are not changed.

42551 Velbert, 9 April 2010

