

Evidence of Performance

Testing of Air Infiltration / Exfiltration, Static Water Penetration, Structural Performance



Test Report

No. 19-001989-PR03

(PB-A01-02-en-01)

Client IALONET - AFOI KONTOU P.C.
Kriezi 55
19300 Aspropyrgos
Greece

Product Tripple sliding projecting side-hung casement

Designation System: FMW92
Shipping name: FMW92 THERMO

Performance-relevant product details Material: Aluminium system with thermal break

Overall dimensions (W x H) 2,654 mm x 2,646 mm

Special features The vapour pressure equalisation of the glazing rebate has to be ensured. Material compatibility must be taken into account. Material durability must be taken into account. The strength, durability and material compatibility of the adhesive system was not part of the test and is tested separately.

Basis

Testing was conducted on basis of information provided by the customer





Testing in accordance with:

ASTM E 283-04
ASTM E 547-00
ASTM E 331-00
ASTM E 330-02
ASTM E1233/E1233M-14

Representation



Results

	Test performed	Summary of test results	
 ASTM E 330	Preload	± 600 Pa	Passed
 ASTM E 283	Static air leakage Infiltration / Exfiltration	± 75 Pa ± 300 Pa	Measured values are shown in the protocol
 ASTM E 331	Static water penetration	+ 150 Pa	Passed
	Structural performance - Test load		
	100 % of design wind load, procedure B	± 1,200 Pa	Passed
 ASTM E 330 ASTM E1233/E1233M	Structural performance by Cyclic Air Pressure Differential -	± 600 Pa	Passed
	100 % of design wind load		
	Structural performance - Proof load		
	150 % of design wind load, procedure A	± 1,800 Pa	Passed

Instructions for use

The data and results refer solely to the tested and describes specimen. Classification remains valid as long as the product and the above basis remain unchanged. The results can be extrapolated under the manufacturer's own liability subject to observance of the relevant specifications set out by the applicable product standard. This test/valuation does not allow any statement to be made on any further characteristics regarding performance and quality of the construction presented; in particular the effects of weathering and ageing were not taken into account

Notes on publication

The ift-Guidance Sheet "Conditions and Guidance for the Use of ift Test Documents" applies.

ift Rosenheim

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The report contains a total of 36 pages.

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