

Evidence of performance

Air permeability, water tightness, resistance against wind load



Expert statement

Nr. 21-003842-PR01
(GAS-A01-02-en-01)

Client	ELVIAL S.A. Aluminium Extrusion 25th Km national road Thessaloniki 61100 Kilkis Greece
Product	Double tilt and turn casement door with central opening meeting stile
Designation	ELVIAL ICONIC W77.AI ²
Performance related product details	Material: Aluminium system with thermal break
Special features	Position of locking. Test sequence. 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

EN 14351-1:2006+A2:2016-09

Test standard:
EN 1026:2000-06
EN 1027:2000-06
EN 12211:2000-06

Corresponds to the national standards (e. g. DIN EN)

Instruction for use

This expert statement serves to demonstrate the adjacent characteristics of windows.

This expert statement does not cover all the performance characteristics listed in the product standard.

Validity

The data and results refer solely to the tested and described 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/evaluation 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 "Advertising with ift test documents" applies. The cover sheet can be used as an abstract.

Contents

The expert statement contains a total of 4 pages.

- 1 Order
- 2 Basis
- 3 Assessment
- 4 Results and statement

Sample	1
Representation	
Overall dimensions (WxH)	1700 mm x 2300 mm
Testing	Classification
Air permeability EN 12210	4
Watertightness EN 12208	E 1200
Resistance against wind load EN 12207	C4 / B4

ift Rosenheim

11.10.2021

Robert Kolacny, Dipl.-Ing. (FH)
Deputy Head of Testing Department
Building Component Testing

Herbert Hageneder, Dipl.-Ing. (FH)
Operating Testing Officer
Building Component Testing