

Evidence of Performance

Air permeability
Watertightness static / dynamic
Resistance to wind load
Impact resistance, Hose test

Test Report 108 32421 R1e

Translation and Revision Test Report 108 32421 dated 12 November 2007



Client **ETEM S. A.**
light metals industry
1 Iroon Polytechniou Str.

19018 Magoula
Greece






Product **Stick construction with hooked-in insert units**

System **E-8000**

Overall dimensions
(W x H) **4000 mm x 5900 mm**

Frame material **Aluminium profiles**

Note Application in Europe is subject to verification of the construction as set out by ETAG No. 002 "Guideline for European Technical Approval of Structural Sealant Glazing Systems (SSGS)".

Test	Classification	
	Facade construction	Window
 Air permeability EN 12152	AE	4
 Water-tightness static EN 12154	RE₁₅₀₀	E₁₅₀₀
 Water-tightness dynamic ENV 13050	200 Pa / 600 Pa	npd
 Resistance to wind load EN 13116	Design load ± 1,6 kN/m² Safety load ± 2,4 kN/m²	npd
 Impact resistance EN 14019	I5 / E5	npd
Hose test	AAMA 501.2	-
	No water penetration	

npd = no performance determined

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Basis

Test sequence according to
EN 13830 : 2003-09, Curtain wal-
ling – Product standard

Test standards
EN 12153
EN 12155
EN 12179
EN 14019
ENV 13050
EN 1026
EN 1027
AAMA 501.2

Representation



Instruction for use

The present test report serves to demonstrate the above characteristics for curtain walling.

The present test report does not cover all performance characteristics listed in the product standard

Validity

The data and results provided refer solely to the tested and described specimen.

The test does not allow any statement to be made on further characteristics of the present structure regarding performance and quality, in particular the effects of weathering and ageing.

Notes on publication

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

The cover sheet can be used as an abstract.

Contents

The report contains a total of 63 pages

- 1 Object
 - 2 Procedure
 - 3 Detailed results
- Annex 1 Photos
Annex 2 Test record
Annex 3 Documentation and processing instruction of the system

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