

Classification report

Air permeability
Watertightness - static / dynamic
Resistance to wind load
Impact resistance

Test Report 108 27811e



This is a translation of Test Report 108 27811 dated 29 November 2005

Client ETEM S.A.
light metals industry
1 Iron Polytechniou Str.

19018 Magoula, Greece

Product Curtain wall

Designation E-85

Exterior dimensions (W x H) 3050 mm x 6000 mm

Frame material Aluminium

Special features Written processing instructions have not been submitted and must be requested directly from ETEM as necessary.

Basis

Test sequence as per
EN 13830 : 2003-09
Curtain walling – Product
standard

Test standards

EN 12153
EN 12155
EN 12179
EN 14019
ENV 13050
EN 1026
EN 1027

Representation



Instructions for use

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

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

Validity

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

The present 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 abstract.

Contents:

The test report comprises a total of 58 pages

- 1 Object
 - 2 Procedure
 - 3 Detailed results
- Annex 1: Photographs
Annex 2: Test records
Annex 3: Documentation and processing instructions for the system

| Classification | | |
|-------------------------|--|--------------------------------------|
| | Facade construction | Insert unit: Tilt and turn window |
| Air permeability | EN 12152 AE | EN 12207 4 |
| Watertightness | EN 12154 / ENV 13050 Static RE 900 Dynamic 200 Pa/600 Pa | EN 12208 E 900 |
| Resistance to wind load | EN 13116 Design load 1,6 kN/m ² Safety load 2,4 kN/m ² | npd |
| Impact resistance | EN 14019 E4 / I4 | npd |

npd = no performance determined

ift Rosenheim
16 December 2005

Jörn Peter Lass, Dipl.-Ing. (FH)
Head of Testing Department
ift Centre for Windows & Facades

Markus Egli, Dipl.-Ing. (FH)
Test engineer
ift Centre for Windows & Facades