Evidence of Performance
Air permeability
Watertightness static / dynamic
Resistance to wind load
Impact Resistance, Hose test

Test Report 108 31925 R1 e

This is a translation and revision of Test Report 108 31925 dated 11 July 2007.

Client
ETEM S. A.
light metals industry
1 Iroon Polytechniou Str.
19018 Magoula
Greece

Product
Stick construction

System
E 85 STRUCTURAL GLAZING

Overall dimensions
(W x H) 4850 mm x 6000 mm

Frame material
Aluminium profiles

**Table of Test Results**

<table>
<thead>
<tr>
<th>Test</th>
<th>Classification</th>
<th>Window</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air permeability</td>
<td>AE</td>
<td><strong>EN 12207</strong></td>
</tr>
<tr>
<td>Water-tightness static</td>
<td>R7</td>
<td><strong>E1050</strong></td>
</tr>
<tr>
<td>Water-tightness dynamic</td>
<td>200 Pa/600 Pa</td>
<td>npd</td>
</tr>
<tr>
<td>Resistance to wind load</td>
<td>Design load: ± 1,6 kN/m² Safety load: ± 2,4 kN/m²</td>
<td>npd</td>
</tr>
<tr>
<td>Impact resistance</td>
<td>I5/E5</td>
<td>npd</td>
</tr>
<tr>
<td>Hose test</td>
<td>AAMA 501.2</td>
<td>-</td>
</tr>
</tbody>
</table>

npd = no performance determined

**Basis**
Test sequence according to
EN 13830 : 2003-09, Curtain walling – 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 the performance characteristics listed in the product standard.

Validity
The data and results provided refer solely to the tested and described specimen.
This 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 report contains a total of 62 pages
1. Object
2. Procedure
3. Detailed results
Annex 1 Photos
Annex 2 Test record
Annex 3 Documentation and processing instruction of the system

ift Rosenheim
17 October 2007

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