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 Iroon 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.

Classification

<table>
<thead>
<tr>
<th>Facade construction</th>
<th>Insert unit: Tilt and turn window</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Air permeability</strong></td>
<td><strong>EN 12152</strong> <strong>AE</strong></td>
</tr>
<tr>
<td><strong>EN 12154 /ENV 13050</strong></td>
<td><strong>EN 12207</strong> <strong>4</strong></td>
</tr>
<tr>
<td><strong>Static RE 900</strong></td>
<td><strong>EN 12208</strong> <strong>E 900</strong></td>
</tr>
<tr>
<td><strong>Dynamic 200 Pa/600 Pa</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Resistanc to wind load</strong></td>
<td><strong>EN 13116</strong></td>
</tr>
<tr>
<td><strong>Design load 1,6 kN/m²</strong></td>
<td><strong>nspd</strong></td>
</tr>
<tr>
<td><strong>Safety load 2,4 kN/m²</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Impact resistance</strong></td>
<td><strong>EN 14019</strong> <strong>E4 / I4</strong></td>
</tr>
<tr>
<td>nspd = no performance determined</td>
<td></td>
</tr>
</tbody>
</table>

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

ift Rosenheim
16 December 2005

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