Evidence of Performance
Calculation of thermal transmittance

Test Report
No. 14-001872-PR01
(PB-K20-06-en-02)

Client

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

Product

Thermal insulated metal profile
Profile combination: casement-frame

Designation: System: E75

Performance-relevant product details: Material Aluminium; Surface treatment powder coated or painted; View width B in mm 151; Thermal break; Material Polyamide 6.6 with 25% glass fibre; Type of thermal break Hollow chamber bars; Inlay foam in thermal break; Material rigid polyisocyanurate foam (PIR); Item numbers 975201/975102; Thermal conductivity in W/(mK) 0.034; Casement; Item number E75 201 S; Width in mm 97; Thickness in mm 84.5; Inlay foam in glazing rebate; Material Polyethylene foam; Thermal conductivity in W/(mK) 0.045; Frame; Item number E75 102 S; Width in mm 82; Thickness in mm 75; Insulating foam to the structure (back of the frame); Material Polyethylene foam; Item number 080528; Thermal conductivity in W/(mK) 0.045; Replacement panel; Thickness in mm 48.5;

Special features: -/-

Results

Calculation of thermal transmittance according to EN ISO 10077-2:2012-02

U_f = 1,3 W/(m²K)

ift Rosenheim
28.10.2014

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Building Physics

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Building Physics

Basis *)

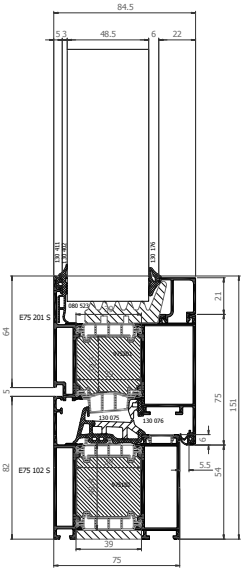
EN ISO 10077-2:2012-02

SG 06-verpflichtend
NB-CPD/SG06/11/083 2011-09

ift-test report 14-001872-PR01 (PB-K20-06-en-01) dated 8.10.2014

*) Correspond/s to the national standard/s (e.g. DIN EN)

Representation



Instructions for use

The present test report serves to demonstrate the thermal transmittance.

Validity

The data and results given relate 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.

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 7 page/s and annex (1 page).

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