Evidence of Performance
Calculation of thermal transmittance

Test Report
No. 15-001690-PR01
(PB-E01-06-en-01)

ROSENHEIM

Client
PORTOS
ul. Zlota 71
62-800 Kalisz
Poland

Product Roller shutter box

Designation: System: MX1200® - 160

Performance-relevant product details: Material polyvinylchloride (PVC-U), rigid ; View width in mm 166; Overall deep in mm 212; Inlay foam; Material expanded polystyrene “PRO-LAMBDA”; Thermal conductivity in W/(mK) 0,032; Roller shutter; Thickness e_2 in mm 8,5; Outlet slot of the shutter; Width e_{tot} in mm 19; Sealing system pile weather stripping; Air cavity in the shutter box unventilated ($e_1 + e_3 \leq 2$ mm); Replacement panel; Material adiabatic; Thickness in mm 70; Length l_{fr} in mm 105

Special features: -

Results

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

U_{sb} = 0,75 W/(m²K)

Specified by the customer the thermal transmittance U_{sb} was, deviating to the EN ISO 10077-2, calculated with 70 mm adiabatic panel (instead of 60 mm).

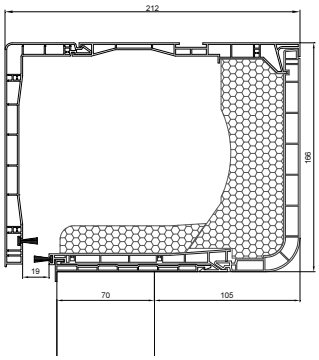
Basis *)

EN ISO 10077-2:2012-02

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

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

Representation



Instructions for use

The results obtained can be used as evidence in accordance with the above basis.

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 4 page/s and annex (1 page).

ift Rosenheim
11.08.2015

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