Evidence of Performance
Thermal transmittance

Test report 406 41420/1e*

Translation of Test Report n° 406 41420/1 dated 29 October 2009

Client	**ALUMINCO S.A.** Megali Rahi 32011 INOFITA VIOTIAS Greece
Product	Paneel door, single-leaf
Designation	KA590-101
External dimension (W × H)	1000 mm x 2120 mm
(Frame) Material	Frame of aluminium / powder coated with thermal break
Type of opening	Side-hinged door
Door leaf / Infill	Door leaf thickness: 32 mm Covering internal and external aluminium / 1.8 mm and Polycarbonate / 3.0 mm Inlay: extruded polystyrene foam (XPS), d = 22 mm
Sill	Aluminium profile / powder coated, thermal break
Sealing	1 Door rebate sealing made of EPDM (three-folded) 1 Frame rebate sealing made of EPDM (three-folded) 3 Floor seal on threshold (internal and external each two brush seals and one centre seal made of EPDM)
Special features	--

Thermal transmittance

$U_D = 2.1\ W/(m^2 \cdot K)$

ift Rosenheim
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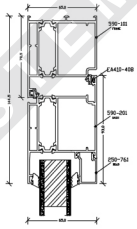
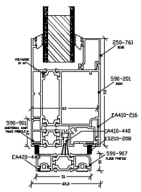
Basis
EN ISO 12567–1 : 2000-09
Thermal transmittance of windows and doors - Determination of thermal transmittance by hot box method – Part 1: Complete windows and doors

Representation
Further cross section drawings see point 1.2





Instructions for use
This test report serves to demonstrate the thermal transmittance U_D.

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

Testing thermal transmittance does not allow any statement to be made on any further characteristics relevant to performance and quality of the present construction.

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 11 pages.

1 Object
2 Procedure
3 Detailed results

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