

Evidence of Performance

Calculation of thermal transmittance



Test Report
No. 17-002121-PR04
(PB-C01-06-en-01)

Client ALUMINCO S.A.
Megali Rahi
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Greece

Basis *)
EN 14351-1:2006+A2:2016-09
EN ISO 10077-1:2009-11
ift test report 17-002121-PR01
(PB-K20-06-en-01)

Product Single leaf panel door
Designation ALUMINCO D90 (NOVEL DOOR)

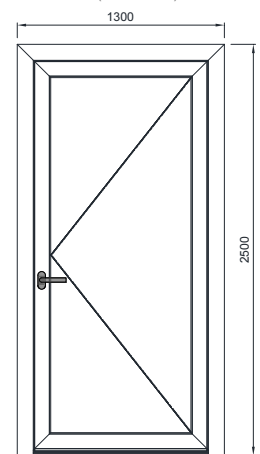
*) Correspond/s to the national standard/s
(e.g. DIN EN)

Performance-relevant product details Dimensions (W x T) in mm 1300 x 2500; Material Aluminium alloys; Surface treatment Powder coated or painted; Opening direction inside; profile combinations; View width B in mm 92 to 147; Thermal break; Material Polyamide 6.6 with 25% glass fibre; Surface in thermal break untreated; Height of bars in mm 18; Casement; Item number 090-205; Width in mm 86; Thickness in mm 89.5; Frame; Item number 090-101; Width in mm 86; Thickness in mm 89.5; Threshold; Item number 090-902; Width in mm 13; Thickness in mm 80; Panel; Construction in mm 2/85.5/2; Face layer; Material Aluminium alloys; Inlay; Material EPS "NEOCOAT"; Thermal conductivity in W/(mK) 0.030

Special features Casement overlapping panel outside and inside

Representation

View of the door (schematic)



Further drawings see annex

Results

Calculation of thermal transmittance according to
EN ISO 10077-1:2009-11



$$U_D = 0.79 \text{ W/(m}^2\text{K)}$$

Instructions for use

The results obtained can be used by the manufacturer for preparing the Declaration of Performance in accordance with the Construction Products Regulation 305/2011/EU. The provisions of the applicable product standard have to be observed.

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 5 page/s and annex (1 page).

ift Rosenheim
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