

# Evidence of Performance

## Calculation of thermal transmittance



**Test Report**  
**No. 17-002121-PR06**  
(PB-C01-06-en-01)

**Client** ALUMINCO S.A.  
Megali Rahi  
32011 Inofita Viotias  
Greece

**Basis \*)**  
EN 14351-1:2006+A2:2016-09  
EN ISO 10077-1:2009-11  
ift test report 17-002121-PR03  
(PB-K20-06-en-01)  
\*) Correspond/s to the national standard/s  
(e.g. DIN EN)

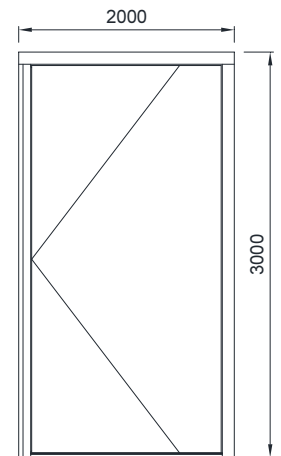
**Product** Single leaf panel door

**Designation** ALUMINCO D110 (PIVOT DOOR)

**Performance-relevant product details** Dimensions (W x T) in mm 2000 x 3000; Material Aluminium alloys; Surface treatment Powder coated or painted; Opening direction inside; Profile combinations; View width B in mm 90 to 147; Thermal break; Material Polyamide 6.6 with 25% glass fibre; Surface in thermal break untreated; Height of bars in mm 32; Casement; Item number 110-201; Width in mm 61.5 / 76.5; Thickness in mm 113; Frame; Item number 110-901 / 110-101; Width in mm 76.5; Thickness in mm 113; Threshold; Item number 110-902; Width in mm 20; Thickness in mm 113; Panel; Construction in mm 3/107/3; 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)



### Results

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



$$U_D = 0.69 \text{ W/(m}^2\text{K)}$$

Further drawings see annex

### 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 annexe (2 pages).

**ift Rosenheim**  
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