

Number	19-003862-PR04 (NW-K20-06-en-01)
Owner	ALUMINCO S.A. Megali Rahi 32011 Inofita Viotias Greece
Product	Metal profiles with thermal break
Designation	System: ALUMINCO SL2700 (SLIDING DOOR)
Details	Material Aluminium alloy - painted - powder coated; Projected width from - to 43 mm - 186 mm; Structural depth 174 mm; Thickness of infill 33.5 mm; Edge cover of infill 10 mm; Thermal break; Material Polyamide 6.6 with 25 % glass fibre (PA 66 GF25); Surface treatment untreated; Inlay material User specific – “Neocoat EPS 200 (HBCD free)”; Casement; Designation 2700-201 / 2700-203; Inlay material User specific – “POL PE 22x12” / User specific – “Neocoat EPS 200 (HBCD free)”; Frame; Designation 2700-101 / 2700-102 / 2700-104; Inlay material User specific – “POL PE 22x12”; Additional casement profile; Designation 2700-301 / 2700-302 / 2700-501

Special features

## Result

Calculation of thermal transmittance according to EN ISO 10077-2:2017-07 (Radiosity-Method)



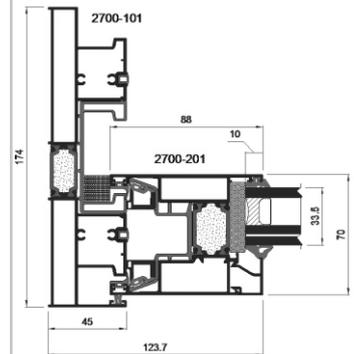
$$U_f = 1.7 \text{ W/(m}^2\text{K)} - 8.1 \text{ W/(m}^2\text{K)}$$

## Basis \*)

Test report: 19-003862-PR04 (PB-K20-06-en-01)

## Representation

Representative test specimen



## Instructions for use

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

## Validity

There is no time limit. When using this document the up-to-dateness of above basis and the conformity of the product have to be observed.

The data and results given relate solely to the tested/described specimen. This test/evaluation 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 document may only be published in full.

ift Rosenheim

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Konrad Huber, Dipl.-Ing. (FH)  
Head of Testing Department  
Building Physics



Till Stübgen, Dipl.-Ing. (FH)  
Operating Testing Officer  
Building Physics

Identity-Check



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ID: 79A-D4278

## Type list for calculations of thermal transmittance according to EN ISO 10077-2:2017-07

### Test result

Calculated thermal transmittance:

Specimen No.	Description	Projected width $b_f$ in mm	Filling thickness $d_p$ in mm	$U_f$ <sup>1)</sup> in W/(m <sup>2</sup> K)
-01	2700-201 / 2700-101 (inside)	124	34	2,2
-02	2700-201 / 2700-101 (outside)	124	34	2,7
-03	2 x 2700-201 / 2 x 2700-301	96	34	3,7
-04	2 x 2700-201 / 2700-501	186	34	2,0
-05	2700-104	45	34	1,7
-06	2 x 2700-203 / 2 x 2700-302	43	34	8,1
-07	2700-201 / 2700-102 (inside)	117	34	2,4
-08	2700-201 / 2700-102 (outside)	117	34	2,6

<sup>1)</sup> Calculated and rounded according to EN ISO 10077-2 using the radiosity method

The calculated values of the thermal transmittance  $U_f$  can be used for profiles made of aluminium with lacquered or powder coated surface and with an untreated surface in the thermal break.