

# Evidence of Performance

## Calculation of thermal transmittance



**Test Report**  
**No. 16-004140-PR02**  
(PB-K20-06-en-02)

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

**Basis \*)**  
EN ISO 10077-2:2012-02  
SG 06-verpflichtend  
NB-CPD/SG06/11/083 2011-09

**Product** Thermal break metal profiles  
Profile combinations: Casement-frame, casement-casement

Replaces  
ift test report 16-004140-PR02  
(PB-K20-06-en-01), dated  
29.06.2017

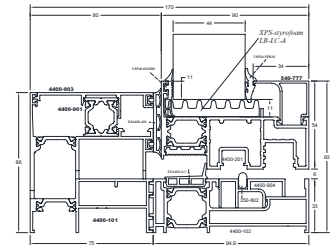
**Designation** SL-2900

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

**Performance-relevant product details** Material Aluminium alloys; Surface treatment powder coated or painted; View width B in mm 64 to 93; Thermal break; Material Polyamide "Low Lambda PA 66 GF25"; Thermal conductivity W/(mK) 0.21; Surface in thermal break untreated; Casement; Item number 2900-201 / 2900-301; Width in mm 54 to 57; Thickness in mm 75 to 90; Insulation bars; Thickness of bars in mm 1.9; Distance of metal shells d in mm 16; Inlay foam in glazing rebate Material "STYROFOAM LB-LC-A"; Thermal conductivity W/(mK) 0.033; Frame; Item number 2900-101 / 2900-102; Width in mm 86; Thickness in mm 170; Insulation bars; Thickness of bars in mm 1.9; Distance of metal shells d in mm 16; Replacement panel; Edge cover in mm 11 to 13; Thickness in mm 44

### Representation

Test specimen PK01



Further drawings see annex.

**Special features** -/-

### 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 document may only be published in full.

### Contents

The report contains a total of 7 page/s and annexe (4 pages).

### Results

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



$$U_f = 2.0 \text{ to } 4.5 \text{ W/(m}^2\text{K)}$$

**ift Rosenheim**  
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