Evidence of Performance
Calculation of thermal transmittance

Test Report
No. 16-004140-PR03
(PB-K20-06-en-01)

Client	ALUMINCO S.A. Megali Rahi 32011 Inofita Viotias Greece
Product	Thermal break metal profiles Profile combinations: Casement-frame, casement-casement
Designation	AL-250 SLIDING THERMO
Performance-relevant product details	Material Aluminium alloys; Surface treatment powder coated or painted; View width B in mm 107 to 203; Thermal break; Material Polyamide "Low Lambda PA 66 GF25"; Thermal conductivity W/(mK) 0.21; Surface in thermal break untreated; Casement; Item number 250-201; Width in mm 99; Thickness in mm 63; Insulation bars; Thickness of bars in mm 1.4; Distance of metal shells d in mm 7; Inlay foam in glazing rebate Material "STYROFOAM LB-LC-A" Thermal conductivity W/(mK) 0.033; Frame; Item number 250-122 / 250-134 / 200-801 / 250-112; Width in mm 53 to 54; Thickness in mm 151 to 230; Insulation bars; Thickness of bars in mm 1.8 to 1.9; Distance of metal shells d in mm 6 to14; Replacement panel; Edge cover in mm 17; Thickness in mm 27
Special features	-/-

Results

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

U_f = 3.0 to 5.5 W/(m²K)

The influence of the sliding mechanism is not considered in the test results.

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29.03.2017

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Basis *)

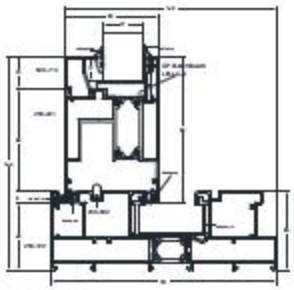
EN ISO 10077-2:2012-02

SG 06-verpflichtend
NB-CPD/SG06/11/083 2011-09

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

Representation

Test specimen PK01



Further drawings see annex.

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.

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The report contains a total of 8 page/s and annexe (9 pages).

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