

Evidence of performance

Calculation of thermal transmittance



Test Report
No. 13-003104-PR01
(PB-K20-06-en-01)

Client EXALCO S.A.
5th Km of National Road
Larissa-Athens
41110 Larissa
Greece

Basis *)
EN ISO 10077-2:2012-02
SG 06-compulsory
NB-CPD/SG06/11/083 2011-09
*) and the equivalent national versions (e.g. DIN EN)

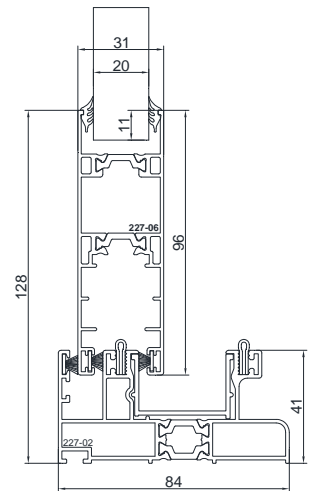
Product Aluminium profiles with thermal break, of a slide door system
Profile combination: casement-frame; casement-casement

Designation System: ALBIO 227

Performance-relevant product details material aluminium; thermal break; material polyamide 6.6 with 25 % fibreglass; surface of metal in thermal break zone painted; casement; article-number 227-06; replacement panel; edge cover in mm 11; thickness in mm 20

Special features -

Representation
specimen 01



for further specimens see annex

Results

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



$$U_f = 3.7 - 4.8 \text{ W/(m}^2\text{K)}$$

The influence of the non-continuous roll mechanism on the thermal transmittance is not taken into account.

Instructions for use

The present test report serves to demonstrate the thermal transmittance.

Validity

The date and results refer solely to the tested and described test specimen.

This test does not allow any statement to be made on any further characteristics regarding performance and quality of the construction presented.

Notes on publication

The ift-guidance sheet „Advertising with ift test documents“ applies. This document can only be published in full.

Contents

The report contains a total of 6 pages and annex (5 pages).

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