

Evidence of Performance

Calculation of thermal transmittance



Test Report
No. 13-003474-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-verpflichtend NB-
CPD/SG06/11/083 2011-09
*) Correspond/s to the national standard/s
(e.g. DIN EN)

Product Aluminium profiles with thermal break of a door system

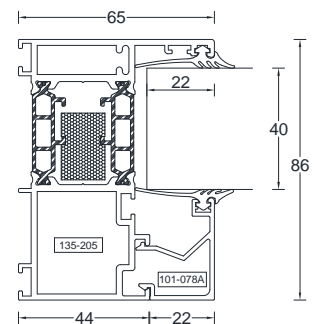
Designation System: ALBIO 135

Performance-relevant product details material aluminium; projected width B in mm 65 - 213; thermal break; material polyamide 6.6 with 25 % fibre-glass; surface of metal in thermal break zone painted; insulation insert; material polyethylene foam "Nomatec XPE038"; thermal conductivity in W/mK 0,038; replacement panel; thickness in mm 40

Special features gaskets with foam rubber part; extended glazing gaskets

Representation

Specimen no.01



for further specimen see Annex

Results

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



$$U_f = 1,6 - 2,3 \text{ W/(m}^2\text{K)}$$

Instructions for use

The present test report serves to demonstrate the thermal transmittance.

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 6 pages and annex (6 pages).

ift Rosenheim
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