

Evidence of Performance

Calculation of thermal transmittance

Test Report
No. 17-003525-PR02
(PB-A01-06-en-02)



Client Kompen PVC Yapi ve Insaat Malzemeleri Sanayi Ticaret A.S.
Konya Afyon Karayolu 45. Km.
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Product Single leaf window – plastic
Profile combination: Casement-Frame
Designation NOBLE

Performance-relevant product details Material Polyvinylchloride (PVC-U) rigid; Dimensions (W x H) in mm 1230 x 1480; Sealing system 1 x external, 1 x centre, 1 x internal; Opening direction inwards; Frame profiles; Projected width B in mm 128; Reinforcement; Material Steel; Surface treatment metallic surface (incl. galvanized); Width in mm 22; Height in mm 40; Thickness in mm 1.2; Casement; Item number 1252; Profile section, width in mm 92; Profile section, thickness in mm 91; Frame; Item number 1251; Profile section, width in mm 70; Profile section, thickness in mm 91; Glazing; Thermal transmittance U_g in $W/(m^2K)$ 0.6 (as specified by client); Configuration in mm 4/16/4/16/4; Edge cover in mm 21; Spacer; Type Metal spacer; Linear thermal transmittance Ψ in $W/(mK)$ 0.08 (according to EN ISO 10077-1, Table E.1; glazing with low emissivity glass)

Special features -/-

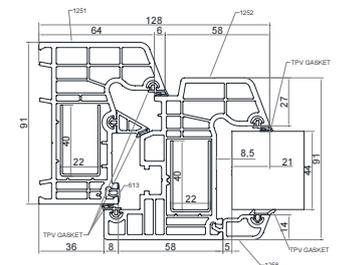
Basis *)

EN ISO 10077-1:2009-11
EN ISO 10077-2:2012-02
SG 06-mandatory
NB-CPD/SG06/11/083 2011-09
Replaces
ift test report 17-003525-PR02
(PB-A01-06-en-01), dated
08.12.2017

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

Representation

Cross section of the frame profiles



Further drawings see annex.

Instructions for use

The results obtained can be used by the manufacturer for preparing the Declaration of Performance in accordance with the Construction Products Regulation 305/2011/EU. The provisions of the applicable product standard have to be observed.

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 7 page/s and annexe (2 pages).

Results

Calculation of thermal transmittance according to
EN ISO 10077-1:2009-11 09 and EN ISO 10077-2:2012-02



$$U_W = 0.97 \text{ W}/(\text{m}^2\text{K})$$

$$U_f = 1.1 \text{ W}/(\text{m}^2\text{K})$$

ift Rosenheim
12.12.2017

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