# Evidence of Performance
## Calculation of thermal transmittance

**Test Report**
**No. 17-003803-PR02**
(PB-C01-06-en-01)

ift ROSENHEIM

**Client**

ADOPEN PLASTIK San. A.S.
Mahmut Bey Tasocagi Yolu 7
34560 Bagcilar/Istanbul
Turkey

**Product**

Single leave plastic door with glazing / panel and glazing

Designation: W 750 Entry Door

Performance-relevant product details: Dimensions (W x H) in mm 840 x 2055 (PK04); 920 x 2055 (PK05); opening direction inward; Frame Profiles; Material Polyvinylchloride (PVC-U) rigid; Face width B in mm 146; Reinforcement; Material Steel - galvanized; Casement; width in mm 107; thickness in mm 70; Frame; width in mm 70; thickness in mm 70; Panel; Configuration 1.2/21.6/1.2; Top / bottom layer; Material Polyvinylchloride (PVC-U) rigid; Insulation; Material XPS rigid foam "Premium 22"; Thermal conductivity in W/(m·K) 0.033; Glazing Type 1; Thermal transmittance $U_g$ in W/(m² K) 1.3 (specified by the client); Configuration 4/16/4; Edge cover in mm 22; Glazing Type 2; Thermal transmittance $U_g$ in W/(m² K) 2.7 (specified by the client); Configuration 4/14/4; Spacer; Material aluminium alloy; Type Representative metal spacer according to EN ISO 10077-2

Special features: -/-

**Results**

Calculation of thermal transmittance according to EN ISO 10077-1:2018-01

$U_D$ = 1.5 – 1.6 W/(m²K)

**ift** Rosenheim
20.03.2018

Konrad Huber, Dipl.-Ing. (FH)
Head of Testing Department
Building Physics

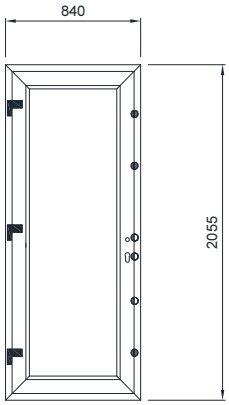
Till Stübben, Dipl.-Ing. (FH)
Operating Testing Officer
Building Physics

**Basis** *)

EN ISO 10077-1:2018-01
EN ISO 10077-2:2018-01
SG 06-mandatory
NB-CPD/SG06/11/083 2011-09

*) Corresponds to the national standards (e.g. DIN EN)

**Representation**
Test specimen PK04




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. 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 8 page/s and annexe (5 pages).



**ift** Rosenheim GmbH
Theodor-Gietl-Str. 7-9
D-83026 Rosenheim

Kontakt
Tel. +49.8031.261-0
Fax +49.8031.261-290
www.ift-rosenheim.de