

Test Certificate NR. 16/11-A001-Z1

PFB-INTERNAL-NO. 16/12-A568

Version 1.en

Thermal transmittance of frames U_f calculated according to DIN EN ISO 10077-2: 2012-06
"Thermal performance of windows, doors and shutters - Calculation of thermal transmittance -
Part 2: Numerical method for frames (ISO/DIS 10077-2 : 2003) German version EN ISO 10077-2 :
2012"

Applicant Ersas Yapı Taah.San.Tic.Ltd.Şti
Topçular Mah.İncirlik Cad. No:18
Eyüp - İstanbul
Turkey

Product type PVC profile with Aluminium cover

Product Designation PAL System

Dimensions
Frame (w x h)approx. 60 x 56 mm
Casement (w x h)approx. 79 x 79 mm
Transom (w x h)approx. 60 x 78 mm,
Aluminium cover thickness 1,2 mm.



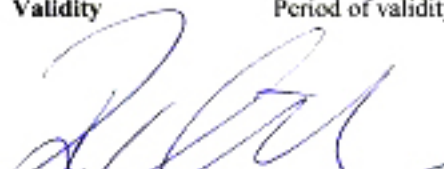
Sealing TPE

Test Report Test Report No. 16/11-A001-Z1 from December 01,2016

Results  DIN EN ISO 10077-2 Thermal Transmittance U_f

Profile types	U_f [W/m²K]
Frame	1,7
Frame and Casement	1,5
Transom and Casement	1,6

Validity Period of validity of DIN EN ISO 10077-2: 2012-06


Dipl.-Ing. (FH) Rüdiger Müller
Head of Institute


Stephanskirchen
December 01, 2016


Yiğit Altuğ
Responsible Official