



# Prüfzentrum für Bauelemente

Dipl.-Ing. (FH) Rüdiger Müller

Fenster · windows  
Rollläden · shutters  
Türen + Tore · doors  
Fassaden · curtain walling  
Baubeschläge · building hardware

## 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

Ersaş Yapı Taah.San.Tic.Ltd.Şti  
Topçular Mah.İncirlik Cad. No:18  
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### Product type

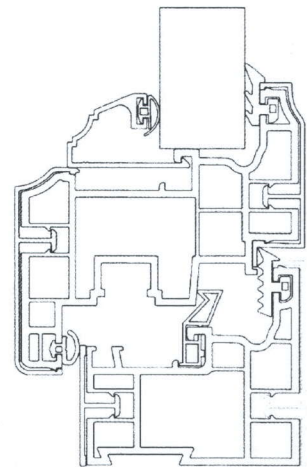
PVC profile with Aluminium cover

### 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/m <sup>2</sup> K]
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

Yigit Altug  
Responsible Official