



# Prüfzentrum für Bauelemente

Dipl.-Ing. (FH) Rüdiger Müller

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

## Test Certificate NR. 19/12-A002-Z1

PfB-Internal-No. 2020-27-0174

Version 1.en

Thermal transmittance of frames  $U_f$  calculated according to DIN EN ISO 10077-2: 2017 "Thermal performance of windows, doors and shutters - Calculation of thermal transmittance - Part 2: Numerical method for frames (ISO/DIS 10077-2 : 2017) German version EN ISO 10077-2 : 2017" as well as thermal transmittance for doors  $U_w$  calculated according to DIN EN ISO 10077-1:2017

**Applicant** ERSAS Pal Kompozit Profil A.Ş.  
Veliköy Organize Sanayi Böl. 4. Cad. No:21 Çerkezköy  
Tekirdağ - **Turkey**

**Product type** Tilt and turn single casement window with fixed side part, Double glazing

**Product Designation** Pascal Series

**Dimensions** Total outside dimensions (w x h) 1500 mm x 1500 mm

**Glazing** Dual-pane insulating glazing 4-16-4, Argon,  $U_g = 1.1 \text{ W}/(\text{m}^2\text{K})$

**Test Report** Test Report No. 19/12-A002-B1

### Results



Thermal transmittance	$U_f$ [ $\text{W}/(\text{m}^2\text{K})$ ]
Left sides	3,0
Right sides	3,0
Middle part	3,0
<b><math>U_w</math> [<math>\text{W}/\text{m}^2\text{K}</math>]</b>	<b>1,9</b>

### Validity

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

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



Stephanskirchen  
January 06, 2020

Yiğit Altuğ  
Responsible Official