

# Evidence of Performance

## Calculation of thermal transmittance



Test Report  
No. 14-003580-PR03  
(PB-K20-06-en-01)

Client Tehnomarket d.o.o.  
Skadarska 73  
26000 Pancevo  
Serbia

### Basis \*)

EN ISO 10077-2:2012-02  
SG 06-verpflichtend  
NB-CPD/SG06/11/083 2011-09  
\*) Correspond/s to the national standard/s  
(e.g. DIN EN)

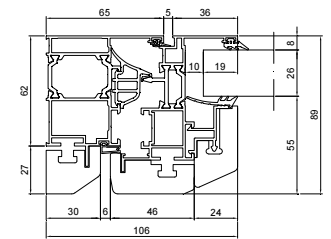
Product Thermal insulated metal profile with wood facing profile; Profile combination: casement-frame

Designation System: LINEAL W-PLUS89

Performance-relevant product details Material Aluminium; Surface treatment powder coated or painted; Facing profile; Material Timber (700 kg/m<sup>3</sup>); View width B in mm 106; Thermal break; Material Polyamide 6.6 with 25% glass fibre; Type of thermal break Solid bars; Height of bars in mm 24; Distance of metal shells in mm 18; Casement; Width in mm 70.5; Thickness in mm 89; Frame; Width in mm 65; Thickness in mm 89; Replacement panel; Thickness in mm 26; Edge cover in mm 19

Special features -

### Representation



### Instructions for use

The results obtained can be used as evidence in accordance with the above basis.

### Results

Calculation of thermal transmittance according to  
EN ISO 10077-2:2012-02



$$U_f = 2,1 \text{ W/(m}^2\text{K)}$$

### 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 6 page/s and annex (1 page).

ift Rosenheim  
16.12.2014

Manuel Demel, M.BP. Dipl.-Ing. (FH)  
Deputy Head of Testing Department  
Building Physics

Maurice Mayer, Dipl.-Ing. (FH)  
Operating Testing Officer  
Building Physics