

Number	21-003293-PR01 (NW -01-K20-06-en-01)
Owner	PROFILINK Ltd. 55 Nestor Abadzhiev Str. 4023 Plovdiv Bulgaria
Product	Hollow chamber profiles - plastic
Designation	System: Window system - Profiling series Z
Details	Material Polyvinylchloride unplasticized (PVC-U); Projected width from - to 62 mm - 139 mm; Structural depth 70 mm; Thickness of infill 40 mm; Edge cover of infill 15 mm; Reinforcement material Steel, galvanized; Casement; Designation 107.002 / 107.006; Reinforcement: Designation 310.001.0022 / 310.001.0028; Frame; Designation 107.001; Reinforcement: Designation 310.001.0022
Special features	
Result	

Calculation of thermal transmittance (Radiosity-Method) according to EN ISO 10077-2:2017-07



$$U_f = 1.3 \text{ W/(m}^2\text{K)} - 1.4 \text{ W/(m}^2\text{K)}$$

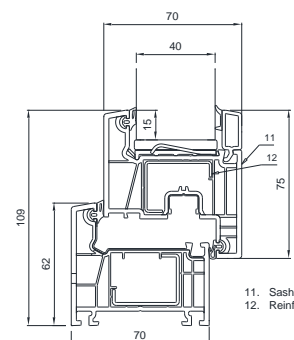
Basis *)

EN ISO 10077-2:2017-07
*) and corresponding national versions
e.g. DIN EN)

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Representation

Exemplary test specimen



Instructions for use

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

Validity

There is no time limit.
When using this document the up-to-dateness of above basis and the conformity of the product have to be observed.

The data and detailed results given relate solely to the tested/described specimen.

This test does not allow any statement to be made on further characteristics of the present structure regarding performance and quality, in particular the effects of weathering and ageing.

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.

ift Rosenheim

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Type list for calculations of thermal transmittance according to EN ISO 10077-2:2017-07

Test result

Calculated thermal transmittance:

Specimen No.	Description	Projected width b_f in mm	Filling thickness d_p in mm	U_f ¹⁾ in W/(m ² K)
-01	107001	62	40	1,3
-02	107.001 - 107.002	109	40	1,4
-03	107.001 - 107.006	139	40	1,4

¹⁾ Calculated and rounded according to EN ISO 10077-2 using the radiosity method.