

Evidence of Performance

Calculation of linear thermal transmittance



Test Report
No. 20-003086-PR02
 (PB-K10-06-en-01)

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Basis *)
 ift-guideline WA-08engl/3
 (2015-02)
 EN ISO 10077-2:2017-07
 SG 06-mandatory
 NB-CPD/SG06/11/083 2011-09
 ift-test report 20-003086-PR01
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*) Correspond/s to the national standard/s
 (e.g. DIN EN)

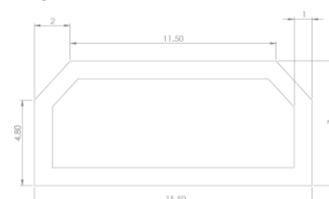
Product Spacer

Designation **Nanobar**

Performance-relevant product details Material **ABS compound with chemical fibres**; Dimension, width in mm **7.0**; Dimension, height in mm **15.5 / 11.5**; Thickness d in mm **1.0**; Foil; Material **"Verbundfolie"**; Thickness in mm **0.1** (metalized layer 0.009 mm); Desiccant and sealant as per ift-guideline WA-08engl/3 and WA-17engl/1; Measured equivalent thermal conductivity as per WA-17engl/1 in $W/(mK)$ $\lambda_{eq,2B}$ **0.34**; Cross sections of representative profiles as per ift-guideline WA-08engl/3; Double glazing; $U_g = 1.1$ $W/(m^2K)$; Construction in mm **4/16/4**; Triple glazing; $U_g = 0.7$ $W/(m^2K)$; Construction in mm **4/12/4/12/4**

Special features

Representation



Instructions for use

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

Results

Calculation of linear thermal transmittance according to EN ISO 10077-2:2017-07 (Radiosity-Method). Results in $W/(mK)$.

	Zweischichten-Isolierglas $U_g = 1.1$ W/m^2K			
	Dreischichten-Isolierglas $U_g = 0.7$ W/m^2K			
	0.052	0.041	0.042	0.046
	0.047	0.040	0.042	0.045

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 5 page/s and annexes (17 pages).

ift Rosenheim

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