

Evidence of Performance

Calculation of linear thermal transmittance



Test Report

No. 18-003628-PR02

(PB-K10-06-en-01)

Client ALU - PRO S.r.l.
Aluminium Profiles
Via A. Einstein, 8
30033 Noale/Ve
Italy

Basis *)

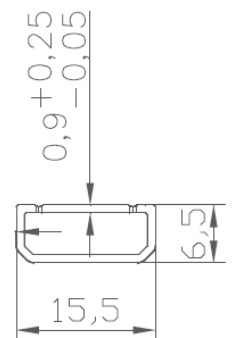
ift-guideline WA-08engl/3
(2015-02)
EN ISO 10077-2:2017-07
SG 06-mandatory
NB-CPD/SG06/11/083 2011-09
ift-test report 18-003628-PR01
(PB-K10-06-en-01)

*) Correspond/s to the national standard/s
(e.g. DIN EN)

Product Spacer
Designation **MULTITECH A**

Performance-relevant product details Material SAN/Glass fiber reinforced (glass fibre rate 35%); Dimension, width in mm 6.5; Dimension, height in mm 15.5 / 11.5; Thickness d in mm 0.9 (nominal value); Foil; Material Metallic aluminum foil + PET film Metallized; Thickness in mm 0.025 mm; Desiccant and sealant as per ift-guideline WA-08engl/3 and WA-17/1; Measured equivalent thermal conductivity as per WA-17/1 in W/(mK) (declared value) $\lambda_{eq,2B}$ 0.51; Cross sections of representative profiles as per ift-guideline WA-08engl/3; Double glazing; $U_g = 1.1$ W/(m²K); Construction in mm 4/16/4; Triple glazing; $U_g = 0.7$ W/(m²K); Construction in mm 4/12/4/12/4

Representation



Special features

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).

	0.059	0.045	0.047	0.051
	0.055	0.043	0.047	0.051

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

21.02.2019

Konrad Huber, Dipl.-Ing. (FH)
Head of Testing Department
Building Physics

Till Stübgen, Dipl.-Ing. (FH)
Operating Testing Officer
Building Physics