Evidence of Performance

Calculation of thermal transmittance

Test Report
No. 19-001547-PR04
(PB-C01-06-en-01)

ROSENHEIM

Client
TEHNI A.E.
2nd km Xanthi - Pigadia
67100 Xanthi
Greece

Product
Single leaf aluminium-door with panel

Designation
TLS 90

Performance-relevant product details
Dimensions (B x H) in mm 1200 x 2150; Opening direction inwards; Profiles; Material Aluminium alloy - painted - powder coated; Projected width from - to 84 mm - 116 mm; Structural depth 68 mm; Thermal break; Material Polyamide 6.6 with 25 % glass fibre (PA 66 GF25); Surface treatment untreated (threshold: powder coated); Casement; Designation 23-75-00113; Thickness of infill 78.5 mm; Edge cover of infill 0 mm; Inlay material User specific - "FIBRANxps FABRIC"; Frame; Designation 23-75-00109; Inlay material User specific - "FIBRANxps FABRIC"; Threshold; Designation 24-75-03116; Panel; Thickness 78.5 mm; Construction in mm 1.5/75.5/1.5; Face Layer; Material Aluminium alloy - painted - powder coated; Inlay; Material User specific - "FIBRANxps FABRIC"; Thermal conductivity in W/(mK) 0.034

Special features
Casement overlapping panel inside and outside.

Results

Calculation of thermal transmittance according to EN ISO 10077-1:2017-07

U_D = 0.82 W/(m²K)

ift Rosenheim
17.06.2019

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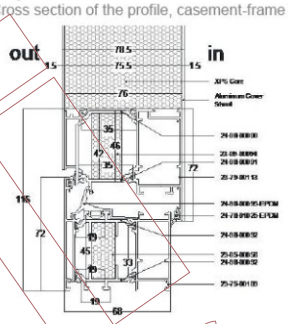
Basis *)
EN ISO 10077-1:2017-07

ift test report 19-001547-PR03
(PB-K20-06-en-01)

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

Representation
Cross section of the profile, casement-frame



Further drawings see annex.

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

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, 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 cover sheet can be used as abstract.

Contents
The report contains a total of 5 page/s and annexes (2 pages).

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ift-Nachweis

Classification Report

Number	19-001547-PR07 (NW-C01-02-en-01)
Owner	TEHNI A.E. 2nd km Xanthi - Pigadia 67100 Xanthi Greece
Product	External pedestrian doorset
Designation	Shipping name: TLS-90
Details	Material Aluminium system with thermal break; Overall dimensions (W x H) 1100 x 2100 ; Closing condition closed and locked; **Threshold:** Designation 24-75-03116; System TLS-90; Material Aluminium system with thermal break; **Lock:** Designation STV-2460 L45-92
Special features	Test sequence. Position of locking.

Result

Air permeability according to EN 12207:2016-12

Class: 4

Resistance to wind load according to EN 12210:2016-03

Class: C3/B3

Watertightness according to EN 12208:1999-11

Class: 3A

ift Rosenheim
12.04.2019

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Basis *)

EN 14351-1:2006+A2:2016-09
*) and corresponding national versions (e.g. DIN EN)

Test report: 19-001547-PR07 PB-C01-02-en-01

Representation

Instructions for use

The Evidence ("Nachweis") can be used for preparing the Declaration of Performance in accordance with the Construction Products Regulation 305/2011/EU. The results obtained apply to the direct field of application determined in Annex E of EN 14351-1.

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.

Notes on publication

The ift-Guidance Sheet "Conditions and Guidance for the Use of ift Test Documents" applies.

Identity-Check

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ift-Nachweis

Classification Report

Number	19-001547-PR01 (NW-C01-05-en-01)
Owner	TEHNI A.E. 2nd km Xanthi - Pigadia 67100 Xanthi Greece
Product	Burglar resistant external pedestrian doorset
Designation	System: TLS-90 Shipping name: TLS-90
Details	Manufacturer TEHNI A.E., - Xanthi; Material Aluminium system with thermal break; Attack side Closing face as per EN 12519; Number of casements 1 ; Overall dimensions (W x H) 1110 x 2100 ; **Lock:** Manufacturer Aug. Winkhaus GmbH & Co. KG, - Telgte; Designation STV-2460/L45-92-WINK HAUS; Note Class 3 according to DIN 18251; **Profile cylinder:** Note Digit 7 class 4 and digit 8 class 1 according to EN 1303; **Inserted Safety shield:** Note Inserted drill protection plate 60 HRC with the dimensions and tolerances according to DIN 18257 and a guide of the profile cylinder for 7 mm length; **Hinge:** Manufacturer ATTAS GmbH, - Waiblingen; Designation Concealed door hinge 24-96-00104-00; Number 3
Special features	

Result

Burglary resistance according to EN 1627:2011-05

Class: RC 2 / RC 2N

ift Rosenheim
15.10.2019

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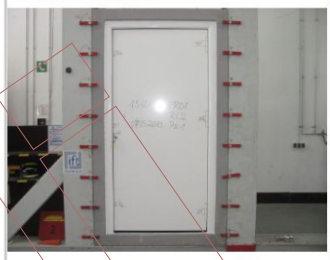
Basis *)

EN 1627:2011-05
*) and corresponding national versions (e.g. DIN EN)

Test report: 19-001547-PR01 PB-C01-05-en-01

Representation



Instructions for use

The results obtained apply to the field of extended application as set out in EN 1627, Annex D.

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.

Notes on publication

The ift-Guidance Sheet "Conditions and Guidance for the Use of ift Test Documents" applies.

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