

Evidence of Performance

Smoke control doors and shutters, smoke leakage test



Test Report

No. 18-004418-PR02

(PB-C05-14-en-01)

Client PANA WINDOWS d.o.o.
Zagrebacka 42
40000 Cakovec
Kroatien

Product/Design	Single leaf assembly
Product designation	"EXCLUSIVE TERMIC"
Type of opening	Hinged window set
Mode of operation	Handle
Clear opening dimensions (W x H)	1,070 mm x 1,305 mm
Coordinating dimensions (W x H)	1,230 mm x 1,480 mm
Material	<u>Seals/gaskets:</u> - Goll SF 1016 <u>Locking devices:</u> - Main lock, BTV balcony door lock; Maco GmbH - Upward locking, 2 pcs roller pin, BTV, Maco GmbH - Downward locking, 2 pcs roller pin, BTV, Maco GmbH - Door closer; Geze Boxer TS 5000
Performance-relevant product details	
Special features	-/-
Wall construction	standard supporting construction as massive construction with low density (600 kg/m ³) and with a thickness of 115 mm

Basis

DIN EN 1634-3: 2005-01 + Ber. 1:2009-09
(Fire resistance tests for door and shutter assemblies; Part 3: Smoke control doors and shutters)

Representation



Instructions for use

This test report serves to verify the smoke leakage of doorsets. This test report does not provide any evidence of specified use/ verification of applicability as set out by the relevant Building Control Authorities.

Validity

These tests do not allow any statement to be made on any further characteristics of the present structure regarding performance and quality. The data and results given in this test report relate solely to the tested and described specimen.

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 an abstract.

Contents

The report contains a total of 30 pages
1 Object
2 Procedure
3 Detailed results
4 Expression of results
5 Evaluation for possible classification
6 Direct application
Annex 1: Field of direct application (4 pages)
Annex 2: Drawings (7 pages)



Smoke control doors and shutters

Leakage rate					
$Q_{spec}^{(20)}$	4.0 m ³ /h	$Q_l^{(20)}$	0.40 m ³ /h/m	$Q_{spec}^{(200)}$	4.0 m ³ /h

ift Rosenheim
29.06.2020



Herbert Niedermeier
Deputy Head of Testing Department
Smoke Control

Georg Spatzier
Operating Testing Officer
Smoke Control