

Evidence of Performance

Smoke control doors and shutters



Smoke leakage test

Test Report

No. 11-002934-PR04

(PB 01-C05-01-en-01)

Client **LOCHER S.R.L.**
Loc. Grosso 47
39058 Sarentino (BZ)
Italy

Product/Design	Single sheet steel door without fanlight and side frame in corner frame
Product designation	"ENDoor"
Type of opening	Swing door
Mode of operation	Handle / Handle
Clear opening dimensions (W x H)	1,270 mm x 2,460 mm
Coordinating dimensions (W x H)	1,350 mm x 2,500 mm
Material	Steel ST 37
Special features	with hinge-side security and prefixed mechanical retractable floor seal on the opposite hinge-side
Wall structure	tested in both side plastered 115 mm brick masonry

Grundlagen

DIN EN 1634-3 : 2005
Fire resistance test for door and shutter assemblies – Part 3: Smoke control doors and shutters
Test Report 11-002934-PR04 (PB 01-C05-01-de-01) dated 18.12.2012

Representation



Instruction 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 Supervisory 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 refer solely to the tested and described specimen.

Notes on publication

The ift-Guidance Sheet "Advertising with ift test documents" applies.

The cover sheet can be used as an abstract.

Contents

The report contains a total of 41 pages

- 1 Object
- 2 Procedure
- 3 Detailed results
- 4 Representation of test results
- 5 Evaluation for possible classification
- 6 Field of direct application

Annex 1: Drawings (20 pages)
Annex 2: Layout of measurement points (1 page)
Annex 3: Determination of gap sizes (1 page)



Smoke control doors and shutters

Leakage rate					
$Q_{spec}^{(20)}$	9.1 m ³ /h	$Q_l^{(20)}$	0.92 m ³ /h/m	$Q_{spec}^{(200)}$	8.3 m ³ /h

ift Rosenheim
18.10.2013

Volker Müller, Dipl.-Ing. (FH)
Head of Testing Department
Fire safety



Gregor Vollenberg, Dipl.-Ing. (FH)
Operating Testing Officer
Mechanics



ift Rosenheim GmbH
Geschäftsführer:
Dr. Jochen Peichl
Prof. Ulrich Sieberath
Dr. Martin H. Spitzner

Theodor-Gietl-Str. 7 - 9
D-83026 Rosenheim
Tel.: +49 (0)8031/261-0
Fax: +49 (0)8031/261-290
www.ift-rosenheim.de

Sitz: 83026 Rosenheim
AG Traunstein, HRB 14763
Sparkasse Rosenheim
Kto. 3822
BLZ 711 500 00

Notified Body Nr.: 0757
Anerkannte PÜZ-Stelle: BAY 18

DAP-ZE-2288.00
DGA-IS-4285-00



Deutsche
Akkreditierungsstelle
D-PL-11349-01-00
D-ZM-11349-01-00