

# Evidence of Performance

Durability of self-closing devices

## Test Report

No. 18-004418-PR01

(PB-C05-03-en-01)



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

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	timber frame window, timber block frame
	<u>Seals/gaskets:</u> - Goll SF 1016
	<u>Locking devices:</u> - Main lock, BTV balcony door lock; Maco GmbH - Upward locking operation, 2 pcs roller pin, BTV, Maco GmbH - Downward locking operating, 2 pcs roller pin, BTV, Maco GmbH
Performance-relevant product details	Door closer; Geze Boxer TS 5000
Special features	-/-
Wall construction	standard supporting construction as massive construction with low density (600 kg/m <sup>3</sup> ) and with a thickness of 115 mm

### Basics

DIN EN 1191: 2013-04  
Windows and doors - Durability (Resistance to repeated opening and closing) Test procedure

### Representation



### Instructions for use

This test report serves to verify the durability of self-closing devices.

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 26 pages  
1 Object  
2 Procedure  
3 Detailed results  
4 Expression of results  
Annex 1: Drawings (10 pages)  
Annex 2: Layout of measurement points (1 page)  
Annex 3: Determination of gap sizes (1 page)



Test of self-closing characteristics.  
Number of cycles: 20,000



ift Rosenheim  
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