

Evidence of performance

Airborne sound insulation of building components

Test Report

No.: 16-003187-PR01
(PB M5-C01-04-en-01)



Client SCHÜCO International KG
Karolinenstr. 1-15
33609 Bielefeld
Germany

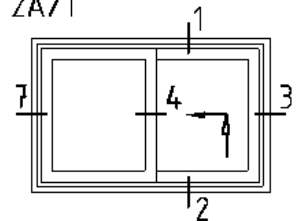
Product	Lifting-sliding door with one sliding sash and one fixed sash
Designation	RS 160.HI double track
Overall dimension (w x h)	2,640 mm x 2,798 mm
Material	Aluminium profiles with thermal break, uncoated
Type of opening	Lifting-sliding door type 2A1
Filling	Insulating glass unit, 14 LSG SI/24/10 LSG SI
Special features	-/-

Basis

EN ISO 140-1:1997+A1:2004
EN 20140-3 :1995+A1:2004
EN ISO 717-1 : 1996-12
ASTM E 90-02
ASTM E 413-87
Test report 161 29498/M5 dated 06.09.2005. Replaces report 161 29498/M5e dated 07.09.2005

Representation

2A/1



Instructions for use

This test report serves to demonstrate the airborne sound insulation of a building component.

Applicable for Germany

- $R_{w,R}$ as per DIN 4109:
(R_w corresponds to $R_{w,P}$,
 $R_{w,R} = R_{w,P} - 2$ dB)
- $R_{w,R}$ for "Bauregelliste"

Validity

The data and results given relate solely to the tested and described specimen.

Testing the sound insulation does not allow any statement to be made on any further characteristics of the construction submitted 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 an abstract.

Contents

The test report contains a total of 9 pages:

- 1 Object
 - 2 Procedure
 - 3 Detailed results
 - 4 Instructions for use
- Data sheet (1 page)

Weighted sound reduction index R_w
Spectrum adaptation terms C and C_{tr}



$$R_w (C; C_{tr}) = 44 (0; -3) \text{ dB}$$

ift Rosenheim
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