

Evidence of Performance

Airborne sound insulation of building elements

Test report 10-000206-PR05
(PB 02-A01-04-en-01)



Client **Keller AG/SA**
Route de Wilwerdange 38-40
9991 Troisvierges
Luxembourg

Basis

EN ISO 140-1 : 1997+A1:2004
EN ISO 140-3 : 1995+A1:2004
EN ISO 717-1 : 1996+A1:2006

10-000206-PB02-A01-04-de
dated 7 September 2010

Product	Sliding door, single leaf with fixed part
Designation	Minimal Windows
External dimension (W x H)	4,021 mm x 2,652 mm
Material	Aluminium - profiles and Aluminium profiles with thermal break
Type of opening	Sliding
Rebate seals	Brush seals without slat, Lip seal
Filling	Insulating glass unit, 10 LSG/16/6
Special features	This element was during testing mounted in a steel sub frame.

Representation



Instructions for use

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

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"

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



$$R_w (C; C_{tr}) = 36 (-2; -4) \text{ dB}$$

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 further characteristics of the present construction 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 abstract.

Contents

The test report contains a total of 11 pages:

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

ift Rosenheim
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