

# Evidence of Performance

## Airborne sound insulation of building elements

Test Report  
No. 11-000246-PR03  
(PB Z06-A01-04-en-01)



Client Fieger Lamellenfenster GmbH  
Auf der Aue 10  
69488 Birkenau  
Germany

### Basis

EN ISO 10140-1 : 2010  
EN ISO 10140-2 : 2010  
EN ISO 717-1 : 1996+A1:2006  
Test report 11-000246-PR03  
(PB Z06-A01-04-de-01) dated  
28 March 2012.

### Representation



Product	Three-leaf lamella window
Designation	FLW 40
Overall dimensions (W x H)	1230 mm x 1480 mm
Material	Aluminium-plastic-composite profile
Type of opening	Horizontal opening lamella
Rebate gasket	2 brush seals with lip
Infill	Insulating glass unit, 12 VSG SC/18/ 8 VSG SC
Special features	-/-

### Instructions for use

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

Applicable for Germany

- $R_{w,R}$  acc. to DIN 4109:  
( $R_w$  corresponds  $R_{w,P}$ ,  
 $R_{w,R} = R_{w,P} - 2$  dB)
- $R_{w,R}$  for Building Regulation List

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



$$R_w (C; C_{tr}) = 42 (-1; -4) \text{ dB}$$

ift Rosenheim  
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### Validity

The data and results refer solely to the tested and described specimen.

Testing for sound insulation (to one performance characteristic) 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 "Advertising with ift test documents" applies. The cover sheet can be used as an abstract

### Contents

The report contains a total of 10 pages.  
1 Object  
2 Procedure  
3 Detailed results  
4 Instructions for use  
Data sheet (1 page)