

# Evidence of Performance

## Airborne sound insulation of building components

### Test Report

No. 13-004101-PR01  
(PB Z3-A01-04-en-01)



Client  
EXALCO S.A.  
5th Km of National Road  
Larisa-Athens  
41110 Larisa  
Greece

#### Basis

EN ISO 10140-1 : 2010  
+A1:2012  
EN ISO 10140-2 : 2010  
EN ISO 717-1 : 2013  
Test report 13-004101-PR01  
(PB Z3-A01-04-de-01) dated  
27.1.2014

#### Representation



#### Instructions for use

This test report serves to demonstrate the 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)

#### 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 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 10 pages:

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

Product	Sliding-Window with two to opening sashes
Designation	ALBIO 227
Overall Dimensions (w x h)	1,230 mm x 1,480 mm
Material	Aluminium, thermal break: polyamide
Type of opening	Sliding-Window
Rebate seals	each 1 brush seal with film external and internal, in central joint 2 brush seals with film and one stop seal each external and internal
Filling	Insulating glass unit, 6 LSG/10/4
Special features	Drainage and Ventilation of window rebate not exist. The glazing rebate in sash member was not equipped with a vapour pressure equalization.

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



$$R_w (C; C_{tr}) = 33 (-1; -3) \text{ dB}$$

ift Rosenheim  
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Dr. Joachim Hessinger, Dipl.-Phys.  
Head of Testing Department  
Building Physics

Till Stübgen, Dipl.-Ing. (FH)  
Operating Testing Officer  
Building Acoustics