

# Evidence of Performance

## Airborne sound insulation of building elements

Test report 163 33053/Z3e

This is a translation of the test report 163 33053/Z3 of 16<sup>th</sup> February 2007.



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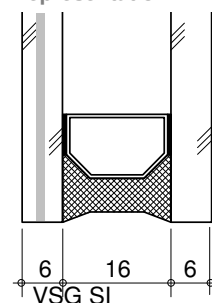
42-262 Poczesna  
Polen

### Foundation

EN ISO 140-1:1997+A1:2004  
EN 20140-3 :1995+A1:2004  
EN ISO 717-1 : 1996+A1:2006

|                     |  |
|---------------------|--|
| Product             | Isolation glass unit                     |
| Designation         | 33.1 Silence / 16 / Thermofloat 6 mm Ar. |
| Size (w × h)        | 1230 mm × 1480 mm                        |
| Construction        | 6 LG SI/16/6                             |
| Gas filling         | Argon                                    |
| Area related weight | 30,2 kg/m <sup>2</sup>                   |
| Special items       | -/-                                      |

### Representation



### Informations for use

This test report may be used to validate the sound reduction of a building element.

Validity for germany:

R<sub>w,P</sub> corresponds to R<sub>w,P</sub> for DIN 4109 Annex 1 table 40

Weighted sound reduction index R<sub>w</sub>  
Spectrum adaptation terms C and C<sub>tr</sub>



$$R_w (C; C_{tr}) = 40 (-2;-6) \text{ dB}$$

### Validity

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

Testing the acoustic properties does not allow any statement to be made on further characteristics of the present structure which could define performance and quality.

### Notes on publication

The **ift** notice "Conditions and notes for the use of **ift** test documents" applies.

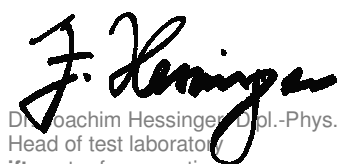
The cover sheet can be used as a summary.


### Contents

This test report includes 6 pages

- 1 Test specimen
  - 2 Test procedure
  - 3 Test results
  - 4 Instructions for use
- Data sheet (1 page)

ift Rosenheim  
16. Februar 2007

  
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