

# Evidence of Performance

## Airborne sound insulation of building elements

Test report 163 36489/Z2e

This is a translation of the test report 163 36489/Z2 of 22<sup>nd</sup> August 2008.



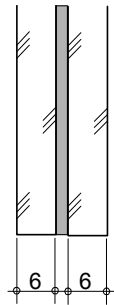
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### Basis

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

### Representation



### Informations for use

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

Validity for germany:

$R_w$  corresponds to  $R_{w,P}$  for DIN 4109 Annex 1 table 40 a

Product	Laminated glass
Designation	66.2 kl. P2A
Size (w × h)	1230 mm × 1480 mm
Construction	12 mm LSG
Area related weight	30 kg/m <sup>2</sup>
Special items	-/-

### 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.

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



$$R_w (C; C_{tr}) = 37 (-1; -3) \text{ dB}$$

### 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 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  
01. September 2008

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