

# Evidence of Performance

## Airborne sound insulation of building elements

Test report 163 36489/Z1e

This is a translation of the test report 163 36489/Z1 of 22<sup>nd</sup> August 2008.



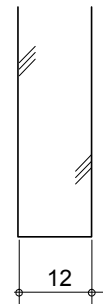
Client **Press Glas S.A.**  
**Nowa Wies**  
Kopalniana 9

42-262 Poczesna  
Poland

### Basis

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

### Representation



|                     |                      |
|---------------------|----------------------|
| Product             | single pane glass    |
| Designation         | Float 12 mm          |
| Size (w × h)        | 1230 mm × 1480 mm    |
| Construction        | 12 mm Float          |
| Area related weight | 30 kg/m <sup>2</sup> |
| Special items       | -/-                  |

### 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

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



$$R_w (C; C_{tr}) = 35 (-1; -3) \text{ dB}$$

### 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** Guidance Sheet "Conditions and Guidance for the use of **ift** Test Documents" applies.

The cover sheet can be used as a summary.

ift Rosenheim  
01. September 2008

*J. Hessinger*

Dr. Joachim Hessinger, Dipl.-Phys.  
Head of test laboratory  
ift centre for acoustic

*Bernd Saß*

Bernd Saß, Dipl.-Ing. (FH)  
vice head of test laboratory  
ift centre for acoustic

### Contents

This test report includes  
6 pages

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

