

# Evidence of Performance

## Airborne sound insulation of building elements

Test report 163 38760/1e

This is a translation of the test report 163 38760/1 of 19<sup>th</sup> June 2009.



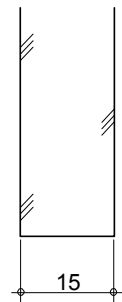
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### Basis

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

### Representation



Product	Single pane glass
Designation	Float 15 mm
Size (w x h)	1230 mm x 1480 mm
Construction	15 mm Float
Area related weight	36,9 kg/m <sup>2</sup>
Special items	-/-

### Informations for use

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

Validity for germany:

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

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



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

### 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.

### 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  
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