

Evidence of Performance

Airborne sound insulation of building elements

Test report 163 34476/Z3e

This is a translation of the test report 163 34476/Z3 of 15th November 2007.



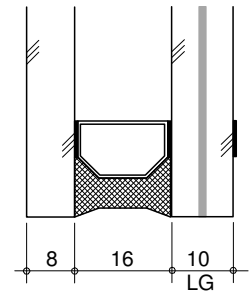
Client **Press Glas S.A.**
Nowa Wies
Kopalniana 9

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	Isolation glass unit
Designation	Float 8 mm / 16 / 55.2 Thermofloat Ar.
Size (w x h)	1230 mm x 1480 mm
Construction	8/16/10 LG
Gas filling	Argon
Area related weight	45,3 kg/m ²
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

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)

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



$$R_w (C; C_{tr}) = 41 (-1;-4) \text{ dB}$$

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

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



LSW - Labor für Schall- und Wärmemesstechnik GmbH
- das Schallschutzprüfzentrum des ift Rosenheim
Geschäftsführer:
Dr. Jochen Peichl
Prof. Fritz Holtz

Lackermannweg 26
D-83071 Stephanskirchen
Tel. +49 (0)8036/3006-0
Fax: +49 (0)8036/3006-33
www.lsw-gmbh.de

Sitz: 83026 Rosenheim
AG Traunstein, HRB 14822
Sparkasse Rosenheim
Kto. 500 435 805
BLZ 711 500 00

Notified Body Nr.: 0757
Anerkannte PUZ-Stelle: BAY 18
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für Eignungs- und Güteprüfung DIN 4109