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

Product

Isolation glass unit

Designation

Float 8 mm / 16 / 55.2 Thermofloat Ar.

Size $(w \times h)$

1230 mm × 1480 mm

Construction

8/16/10 LG

Gas filling

Argon

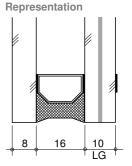
Area related

weight

45,3 kg/m²

Special items

Basis



EN ISO 140-1:1997+A1:2004

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

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

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

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



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

ift Rosenheim 22nd November 2007

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

Lackermannweg 26 D-83071 Stephanskirchen

Tel. +49 (0)8036/3006-0 Fax: +49 (0)8036/3006-33 www.lsw-gmbh.de

Bernd Saß, Dipl.-Ing. (FH)

vice head of test laboratory ift centre for acoustic

Sitz: 83026 Rosenheim AG Traunstein, HRB 14822

Sparkasse Rosenheim Kto. 500 435 805 BLZ 711 500 00

Notified Body Nr.: 0757 Anerkannte PÜZ-Stelle: BAY 18 DAP-PL-0808.99 Sachverständige Prüfstelle Gruppe I für Eignungs- und Güteprüfung DIN 4109

LSW - Labor für Schall- und Wärmemesstechnik GmbH - das Schallschutzprüfzentrum des ift Rosenheim

Geschäftsführer Dr. Jochen Peichl Prof. Fritz Holtz