

Evidence of Performance

Airborne sound insulation of building elements

Test report 163 37548/Z4e

This test report is a translation of test report no. 163 37548/Z4
dated 15th January 2009



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

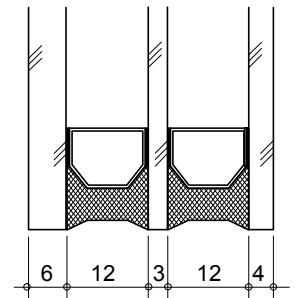
42-262 Poczesna
Poland

Basis

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

Product	Insulating glass unit (IGU)
System Designation	Thermofloat 6 mm / 12 / Float 3 mm / 12 / Thermofloat 4 mm
External Dimensions (W x H)	1230 mm x 1480 mm
Construction	6/12/3/12/4
Gas filling	Argon
Area related weight	32,3 kg/m ²
Special features	-/-

Representation



Instructions for use

The present test report serves to demonstrate the sound reduction of a building element. Applicable for Germany: R_w corresponds to $R_{w,F}$ to DIN 4109 Annex 1 table 40

Validity

The data and results given relate solely to the tested and described specimen. Testing the acoustic properties does not allow any statement to be made on further characteristics of the present structure regarding 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 abstract.

Contents

This test report contains a total of 6 pages
1 Object
2 Procedure
3 Detailed results
4 Instructions for use
Data sheet (1 page)

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



$$R_w (C; C_{tr}) = 35 (-2; -7) \text{ dB}$$

ift Rosenheim
15. January 2009

Bernd Saß, Dipl.-Ing. (FH)
Assistant Head of Testing Department
ift Centre for Acoustics

Andreas Preuss, Dipl.-Ing. (FH)
Commercial Director
ift Centre for Acoustics



LSW - Labor für Schall- und Wärmemesstechnik GmbH
- das Schallschutzprüfzentrum des ift Rosenheim
Geschäftsführer:
Dr. Jochen Peichl
Ulrich Sieberath

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 14821
Sparkasse Rosenheim
Kto. 500 434 626
BLZ 711 500 00

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