

Evidence of Performance

Airborne sound insulation of building elements

Test report 163 36489/Z3e

This is a translation of the test report 163 36489/Z3 of 22nd August 2008.



Client **Press Glas S.A.**
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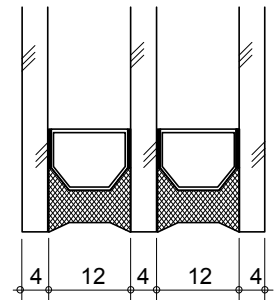
42-262 Poczesna
Poland

Basis

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

Product	Isolation glass unit
Designation	Thermofloat 4 mm / 12 / Float 4 mm / 12 / Thermofloat 4
Size (w × h)	1230 mm × 1480 mm
Construction	4/12/4/12/4
Gas filling	Argon
Area related weight	29,4 kg/m ²
Special items	-/-

Representation



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

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



$$R_w (C; C_{tr}) = 31 (-2;-6) \text{ dB}$$

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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Sachverständige Prüfstelle Gruppe I
für Eignungs- und Güteprüfung DIN 4109