

Evidence of Performance

Airborne sound insulation of building elements

Test report 163 33053/Z2e

This is a translation of the test report 163 33053/Z2 of 16th February 2007.



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

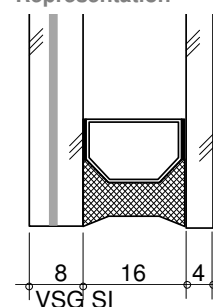
42-262 Poczesna
Polen

Foundation

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	44.1 Stratophone / 16 / Thermofloat 4 mm Ar.
Size (w × h)	1230 mm × 1480 mm
Construction	8 LG SI/16/4
Gas filling	Argon
Area related weight	30,0 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}



$$R_w (C; C_{tr}) = 39 (-1; -5) \text{ dB}$$

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** notice "Conditions and notes for the use of **ift** test documents" applies.

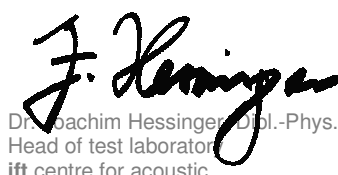
The cover sheet can be used as a summary.

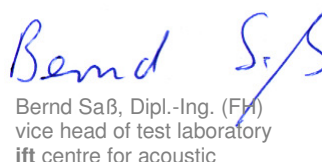
Contents

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
16. Februar 2007


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 Holz

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

Anerkannte Prüf-, Überwachungs- und
Zertifizierungsstelle nach
Landesbauordnung: BAY24
Sachverständige Prüfstelle Gruppe I
für Eignungs- und Güteprüfung nach DIN 4109