

Evidence of Performance

Airborne sound insulation of building components



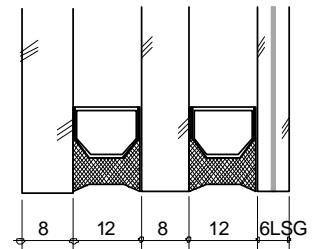
Test Report
No. 14-000251-PR01
(PB Z15-H01-04-en-01)

Client **PRESS GLASS SA Nowa Wies**
Kopalniana 9
42-262 Poczesna
Poland

Basis
EN ISO 10140-1 : 2010
+A1:2012
EN ISO 10140-2 : 2010
EN ISO 717-1 : 2013

Product	Insulating glass unit
Designation	Type TH1,1 8+12+FL 8+12+33.2 TH1,1 kl.P2A Ar
External Dimensions (W x H)	1,230 mm x 1,480 mm
Construction	8/ 12 / 8 / 12 / 6LSG
Gas filling	Argon
Area related mass	55.0 kg/m ²
Special features	-/-

Representation



Instructions for use

This test report serves to demonstrate the airborne sound insulation of a building component.

Applicable for Germany.

R_w corresponds to $R_{w,F}$ for DIN 4109, Annex 1, Table 40

Validity

The data and results given relate solely to the tested and described specimen.

Testing the sound insulation does not allow any statement to be made on further characteristics of the present construction 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

The test report contains a total of 7 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}



$$R_w (C; C_{tr}) = 39 (-3; -8) \text{ dB}$$

ift Rosenheim
23.05.2014

Dr. Joachim Hessinger, Dipl.-Phys.
Head of Testing Department
Building Physics

Andreas Preuss, Dipl.-Ing. (FH)
Head of Laboratory
Building Acoustics