

Evidence of Performance

Airborne sound insulation of building elements

Test report 10-001303-PB01-H05-04-en-01

This is a translation of the test report 10-001303-PB01-H05-04-de-01 of 15th December 2010.



Client **PILKINGTON IGP Sp. z o.o**
ul.Portowa 24

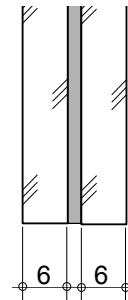
27-600 Sandomierz
Poland

Foundation

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

| | |
|---------------------|--------------------------------------|
| Product | Laminated glass |
| Designation | Pilkington Optilam™ 12.8 mm TVG |
| Size (w × h) | 1230 mm × 1480 mm |
| Construction | 6 float TVG - 0,76 PVB - 6 float TVG |
| Area related weight | 29,8 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}



$$R_w (C; C_{tr}) = 37 (-1; -3) \text{ dB}$$

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 10 pages

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

ift Rosenheim
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Bernd Saß, Dipl.-Ing. (FH)
Deputy Head of Testing Department
Building Physics

Markus Pütz, Dipl.-Ing. (FH)
Operating Testing Officer
Building Acoustics