

# 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 15<sup>th</sup> December 2010.



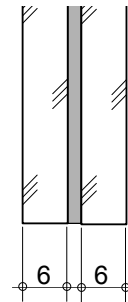
Client **PILKINGTON IGP Sp. z o.o**  
ul.Portowa 24  
  
27-600 Sandomierz  
Poland

### 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 <sup>2</sup>
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<sub>w</sub> corresponds to R<sub>w,P</sub> for DIN 4109 Annex 1 table 40

Weighted sound reduction index R<sub>w</sub>  
Spectrum adaptation terms C and C<sub>tr</sub>



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

### 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  
16 December 2010

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

  
Markus Pütz, Dipl.-Ing. (FH)  
Operating Testing Officer  
Building 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)8031/261-2250  
Fax: +49 (0)8031/261-2508  
www.lsw-gmbh.de

Sitz: 83026 Rosenheim  
AG Traunstein, HRB 14822  
Sparkasse Rosenheim  
Kto, 500 434 626  
BLZ 711 500 00

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