

# Evidence of Performance

## Airborne sound insulation of building elements

### Test report 163 44218/1e

This test report is a translation of test report no. 163 44218/1  
dated 25 August 2010



Client **INNOPTEC Spa**  
Via Zeni, 8

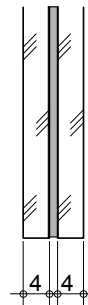
38068 Rovereto (TN)  
Italy

#### Basis

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	LSG with LC-interlayer
External Dimensions (W × H)	1,230 mm × 1,480 mm
Construction	4 mm Float 2 mm LC interlayer 4 mm Float
Area related weight	21.6 kg/m <sup>2</sup>
Special features	-/-

#### Representation



#### Instructions for use

The present test report serves to demonstrate the sound reduction of a building element.  
Applicable for Germany:  
 $R_w$  corresponds to  $R_{w,F}$  for DIN 4109 Annex 1 table 40a

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



$$R_w (C; C_{tr}) = 37 (-1; -2) \text{ dB}$$

#### Validity

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

Testing the acoustic properties does not allow any statement to be made on further characteristics of the present structure 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.

#### Inhalt

This test report contains a total of 6 pages

- 1 Object
  - 2 Procedure
  - 3 Detailed results
  - 4 Instructions for use
- Data sheet (1 page)

ift Rosenheim  
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Dr. Joachim Hessinger, Dipl.-Phys.  
Head of Testing Department  
Building physics

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



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