

Evidence of performance

Airbourne sound insulation of building elements

Test report 161 31350/Z44e*)

*) This is a translation of the test report No. 161 31350/Z44 dated 20 March 2006



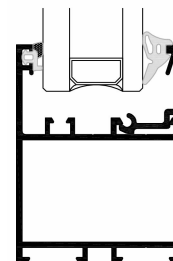
Client **GASTALDELLO SISTEMI S.p.A.**
Viale Artigianato 16

37064 Povegliano Veronese
Italy

Basis

EN ISO 140-1: 1997+A1: 2004
EN 20140-3: 1995+A1: 2004
EN ISO 717-1: 1996-12

Representation



Product	Single window
System designation	EUROline 50 N
Size (W x H)	1230 mm x 1480 mm
Material	Aluminium profile
Opening	Fixed light
Filling	Insulating glass unit , 8/16/6
Special features	-/-

Instructions for use

This test report may be used to classify the sound insulation of building elements.

For germany DIN 4109:1989-11 is valid:

- R_w is equivalent to $R_{w,P}$,
 $R_{w,R} = R_{w,P} - 2$ dB
- $R_{w,R}$ for „Bauregelliste“

Validity

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

Testing for sound insulation does not allow any statement to be made on further characteristics of the present structure which could define performance and quality.

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



$$R_w (C; C_{tr}) = 38 (-2; -5) \text{ dB}$$

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.

ift Rosenheim
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Dr. Joachim Hessinger, Dipl.-Phys.
Head of Testing Department
ift Centre for Acoustics

Johann Baume, Dipl.-Ing. (FH)
Test engineer
ift Centre for Acoustics

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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)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

Notified Body Nr.: 0757
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Sachverständige Prüfstelle Gruppe I
für Eignungs- und Güteprüfung DIN 4109