

Classification Report

Airborne sound insulation of building elements



Test report 161 28260/1.0.0e

This is a translation of the test report No. 161 28260/1.0.0 dated 26 August 2004

Client **ELVIAL S.A.**
Aluminium Extrusion
26th km national road

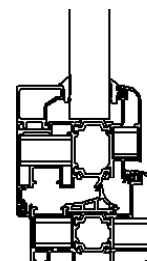
61100 Thessaloniki-Kilkis
Greece

Relevant standards and documents

EN 20140-3 : 1995-01
Laboratory measurement of sound insulation of building elements
EN ISO 717-1 : 1996-12
Acoustics – Rating of sound insulation in buildings and of building elements – Part 1 Airborne sound insulation
Correspond to the national version of DIN EN 20140-3 and DIN EN ISO 717-1.

Product	Single window, single leaf
System designation	5600
Exterior dimensions (W x H)	1230 mm x 1480 mm
Material	Thermal-break aluminium profiles
Mode of operation	Tilt and turn
Glazing	Insulating glass unit, 5/14/4
Special features	The test was performed by LSW-GmbH, the acoustic test center (Schallprüfzentrum) of the ift Rosenheim

Illustration



Instructions for use

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

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



$$R_w (C; C_{tr}) = 36 (-2; -4) \text{ dB}$$

Validity

The data and results given relate solely to the described, tested object.
Testing for sound insulation does not provide any information on additional properties referring to the performance and quality of the design presented.

Publishing notes

The ift publication "Conditions and notes for the use of ift-test documents" applies.
The cover sheet can be used as a summary.

Contents

The report comprises a total of 9 pages
1 Item
2 Procedure
3 Detailed results
4 Data sheet (1 page)

ift Rosenheim
16. November 2004

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Notifizierung in Europa: Nr. 0757