

Classification Report

Airborne sound insulation of building elements



Test report 161 28261/1.0.0e

This is a translation of the test report No. 161 28261/1.0.0 dated 26 August 2004

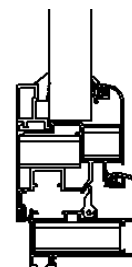
Auftraggeber **ELVIAL S.A.**
Aluminium Extrusion
26th km national road

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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..

Illustration



Instructions for use

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

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 8 pages
1 Item
2 Procedure
3 Detailed results
4 Data sheet (1 page)

Product	Single window, single leaf
System designation	5400
Exterior dimensions (W x H)	1230 mm x 1480 mm
Material	Aluminium profiles without thermal-break
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

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



$$R_w (C; C_{tr}) = 36 (-1;-4) \text{ dB}$$

ift Rosenheim
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