

Classification report

Sound reduction of building elements

Test report 161 25651/3.0.0e^{*)}



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

61100 Thessaloniki-Kilkis

Foundation

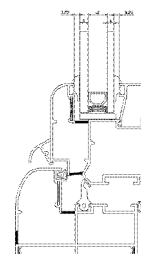
EN 20140-3 : 1995-01
Laboratory measurements of
airborne sound insulation of
building elements

EN ISO 717-1 : 1996-12
Acoustics – Rating of sound in-
sulation in buildings and of
building elements - Part 1: Air-
borne sound reduction

Similar to DIN EN 20140-3 and
DIN EN ISO 717-1

Specimen	Single-Window
System designation	el-2000 Benefit
Size (W x H)	800 mm x 1000 mm
Material	Aluminium profile
Opening	Turn
Glazing	5/12/4 mm
Specials	*) This test report is a translation of test report no. 161 25651/3.0.0 of 23 September 2002

Cross-section



Purpose

This test report prove the sound reduction for a building element.

Validity

The values given in this test report are only valid for the tested specimen described.

General conclusions for the construction and other functional details may not be drawn from this test report.

Information for use

Regulations for the use of test reports are given in the enclosed information sheet „Conditions and information for use of ift test reports for publication and commercial purposes“.

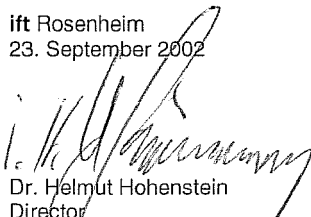
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Weighted sound reduction index R_w
Spektrum-Adaption terms C and C_{tr}



$R_w (C; C_{tr}) = 36 (-2;-6) \text{ dB}$

ift Rosenheim
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