

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

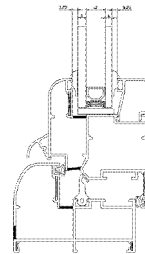
EN 20140-3 : 1995-01
Laboratory measurements of
airborne sound insulation of
building elements

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**

Cross-section



Size (W x H) **800 mm x 1000 mm**

Material **Aluminium profile**

Opening **Turn**

Glazing **5/12/4 mm**

*) This test report is a translation of test report no.
161 25651/3.0.0 of 23 September 2002

Specials

Purpose

This test report prove the sound
reduction for a building ele-
ment.

Validity

The values given in this test re-
port are only valid for the tested
specimen described.

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

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



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

Information for use

Regulations for the use of test
reports are given in the en-
closed information sheet „Con-
ditions and information for use
of ift test reports for publication
and commercial purposes“.

This report is a translation of
the test report 161 25651/3.0.0
of 23. September 2002.

ift Rosenheim
23. September 2002

Dr. Helmut Hohenstein
Director

i. A. Bernd Saß
Leader of acoustic laboratory

Institut für Fenstertechnik e.V.
Leiter: Dr. Helmut Hohenstein
ift Rosenheim, Zertifizierungsstelle
Leiter: Dipl.-Ing. (FH) Ulrich Sieberath
02-08 / 353

Theodor-Gietl-Str. 7-9
83026 Rosenheim
Tel. +49 (0) 8031 261-0
Fax +49 (0) 8031 261-290
<http://www.ift-rosenheim.de>

Sparkasse Rosenheim
Kto. 38 22, BLZ 711 500 00
IBAN DE90 7115 0000 0000 0038 22
Postbank München
Kto. 2649 26-801, BLZ 700 100 80



DAP-PL-0808.01
DAP-ZE-2288.00
TGA-ZM-16-93-00
TGA-ZM-16-93-60

Contents

This test report includes 6
pages

- 1 Test specimen
 - 2 Test procedure
 - 3 Test results
- Data sheet (1 page)