

Evidence of performance

Airborne sound insulation of building components

Test report

no. 16-002754-PR02

(PB Z01-A01-04-en-01)



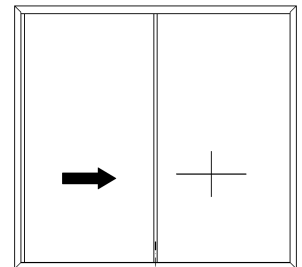
Client **ORAMA MINIMAL FRAMES LTD**
German Road
20300 Loutraki
Greece

Basis

EN ISO 10140-1: 2016
EN ISO 10140-2: 2010
EN ISO 717-1: 2013

Product	Sliding door, single leaf with fixed glazed sidelight, Scheme A sliding door, two part
Designation	ORAMA OMEGA
Dimension	2650 mm × 2485 mm
Frame material	aluminium profiles with thermal break
Type of opening	Sliding sash/ fixed sash
Rebate seals	4 sealing levels on sides and on top, 2 sealing levels at bottom and in central joint
Glazing	Insulating glass unit, Configuration: 10LSG/32/10LSG, Cavity with Argon, Laminated glass with acoustic film
Special features	-

Representation



Instructions for use

This test report serves to demonstrate the airborne sound insulation of a building component.

The weighted sound reduction index R_w can be used for verification by calculation in accordance with DIN 4109-2:2016.

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



$$R_w (C; C_{tr}) = 46 (-1; -5) \text{ dB}$$

Validity

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

Testing the sound insulation does not allow any statement to be made on any further characteristics of the construction submitted regarding performance and quality.

Notes on publication

The ift Guidance Sheet "Conditions and Guidance for the Use of ift Test Documents" applies.

The cover sheet can be used as an abstract.

Contents

The test report contains a total of 11 pages:

- 1 Object
 - 2 Procedure
 - 3 Detailed results
 - 4 Instructions for use
- Data sheet (1 page)

ift Rosenheim
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