

Evidence of performance

Airborne sound insulation of building elements

Test report

No. 13-000915-PR01
(PB 3-A01-04-en-01)



Client **DRUTEX S.A.**
ul. Leborska 31
77-100 Bytow
Poland

Basis

EN ISO 10140-1 : 2010
+A1:2012
EN ISO 10140-2 : 2010
EN ISO 717-1 : 1996+A1:2006

Representation



Product	Single window, one leaf
Designation	Iglo Energy
External dimensions (W x H)	1230 mm x 1480 mm
Material	PVC with reinforcement profile
Type of opening	tilt and turn
Rebate Seals	1 external seal, 1 central seal, 1 Internal seal
Filling	Insulating glass unit, 4/18/4/18/4
Specials	-/-

Instructions for use

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

Applicable for Germany

- $R_{w,R}$ as per DIN 4109:
(R_w corresponds to $R_{w,P}$,
 $R_{w,R} = R_{w,P} - 2$ dB)
- $R_{w,R}$ for "Bauregelliste"

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 further characteristics of the present construction regarding performance and quality.

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



$$R_w (C; C_{tr}) = 37 (-2; -7) \text{ dB}$$

ift Rosenheim
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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 abstract.

Contents

The test report contains a total of 10 pages

- 1 Object
- 2 Procedure
- 3 Detailed results
- 4 Instructions for use

Data sheet (1 page)