

Evidence of performance

Airbourne sound insulation of building elements

Test report 161 34957/Z03e*)

*) This is a translation of the test report No. 161 34957/Z03 of 29. February 2008



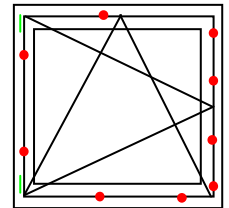
Client **PIMAS PLASTIK INSAAT**
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Basis

EN ISO 140-1: 1997+A1: 2004
EN 20140-3: 1995+A1: 2004
EN ISO 717-1: 1996+A1: 2006

Representation



Product	Window element, single leaf
System designation	S-7000 Horizon
Size (w × h)	1230 mm × 1480 mm
Material	Plastic (PVC-U) with reinforcement
Opening	Tilt and turn
Rebate sealings	One seal outside, one seal inside
Filling	Insulating glass unit , 4/16/4
Special features	-/-

Instructions for use

This test report may be used to classify the sound insulation of a window element.

For germany DIN 4109: 1989-11 is valid:

- R_w is equivalent 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 described, tested object.

Testing for sound insulation does not allow any statement to be made on further characteristics of the present structure which could define performance and quality.

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



$$R_w (C; C_{tr}) = 33 (-2; -5) \text{ dB}$$

Notes on publication

The **ift** notice "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 9 pages

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

ift Rosenheim
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