

Evidence of performance

Airbourne sound insulation of building elements



Test report 161 30266/Z2 R1e*)

*) This is a translation of the test report No. 161 30266/Z2 R1 dated 08. January 2009

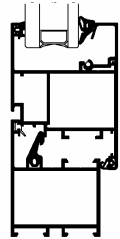
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Basis

EN ISO 140-1:1997+A1:2004
EN 20140-3 :1995+A1:2004
EN ISO 717-1 : 1996-12

Representation



Product	Single window, one leaf
System designation	uninsulated EUROline 50 N
Size (W x H)	1230 mm x 1480 mm
Material	Aluminium profile without thermal break
Opening	Tilt and turn
Rebate sealings	3 seals
Filling	Insulating glass unit , 8 – 16 – 6
Special features	-/-

Instructions for use

This test report may be used to classify the sound insulation of building elements.

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}



$$R_w (C; C_{tr}) = 38 (-2; -3) \text{ dB}$$

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.

ift Rosenheim
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