

Evidence of Performance

Airborne sound insulation of building elements

Test report 163 33841/Z1e

This is a translation of the test report 163 33841/Z1 of 20th June 2007.



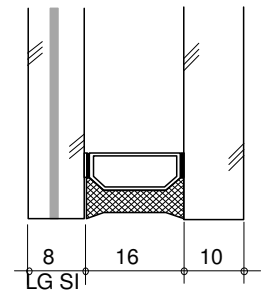
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Foundation

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

Representation



Product	Isolation glass unit
Designation	Float 10 mm / 16 / 44.2 Thermofloat Stratophone Ar.
Size (w × h)	1230 mm × 1480 mm
Construction	10/16/8 LG SI
Gas filling	Argon
Area related weight	45,1 kg/m ²
Special items	-/-

Informations for use

This test report may be used to validate the sound reduction of a building element.

Validity for germany:

R_w corresponds to R_{w,P} for DIN 4109 Annex 1 table 40

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



$$R_w (C; C_{tr}) = 45 (-2;-6) \text{ dB}$$

Validity

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

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

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

This test report includes 6 pages

- 1 Test specimen
 - 2 Test procedure
 - 3 Test results
 - 4 Instructions for use
- Data sheet (1 page)

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