

# Classification report

## Airborne sound insulation of building elements

### Test report 163 30181/Z1e

This is a translation of the test report 163 30181/Z1 of 29<sup>th</sup> August 2005.

Only the German original is legally binding.



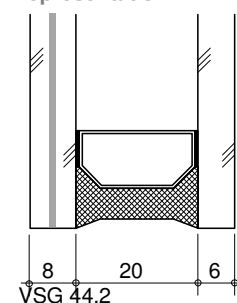
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#### Basis

EN ISO 140-1:1997+A1:2004  
EN 20140-3 : 1995-01  
EN ISO 717-1 : 1996-12

#### Representation



Product	Isolation glass unit
Designation	VSG 44.2 / 20 Ar / Thermofloat 6 mm
Size (w x h)	1230 mm x 1480 mm
Construction	8 LG/20/6
Gas filling	Argon
Area related weight	35,7 kg/m <sup>2</sup>
Special items	-/-

#### Informations for use

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

Validity for germany:

R<sub>w</sub> corresponds to R<sub>w,P</sub>

#### 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)


Weighted sound reduction index R<sub>w</sub>  
Spectrum adaptation terms C and C<sub>tr</sub>



$$R_w (C; C_{tr}) = 39 (-2;-5) \text{ dB}$$

ift Rosenheim  
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