

# Evidence of Performance

## Airborne sound insulation of building elements



### Test report 164 36647/Z2e

This test report is a translation of test report 164 36647/Z2 dated 29. July 2008

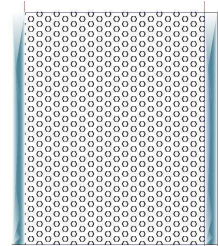
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#### Technical basis

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

#### Representation



Product	External pedestrian door panel
System designation	P6253 panel
Outside dimension (w × h)	900 mm × 2110 mm
Panel structure	1.4 mm Aluminium sheet, 20 mm XPS foam 1.4 mm Aluminium sheet
Weight per unit area	11.4 kg/m <sup>2</sup>
Special features	2 add-on infill panels and three transparent infill panels

#### Instructions for use

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

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



$$R_w (C; C_{tr}) = 28 (-1; -3) \text{ dB}$$

#### 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 structure regarding performance and quality.

#### 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 7 pages

- 1 Object
  - 2 Procedure
  - 3 Detailed results
  - 4 Instructions for use
  - 5 Expert statement
- Data sheet (1 page)

ift Rosenheim  
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