

Evidence of Performance

Joint sound reduction of filling material

Test Report 10-001176-PR05-K06-04-en-1



Client **Athmer oHG**
Sophienhammer
59757 Arnsberg
Germany

Product	Lowerable floor seal for all-glass doors, single-side activation
Designation	Schall-Ex GS-H8/12
Air gap	7 mm to 10 mm
Special features	-/-

Basis

ift Guideline SC-01
"Determination of sound reduction index of joints" 2002
Test report 10-001176-PB05-K06-04-de-1 dated 14.12.2010

Representation



Instructions for use

This procedure is suitable for the comparison of construction products designed for sealing (e.g. gaskets/seals, fillers for joints). The results can be used to evaluate the sound power ratio τ_e according to EN 12354-3 Annex B. Using the calculated sound reduction of the joint for the calculation of the overall sound reduction is not a substitute for the sound reduction verification of the overall construction.

Weighted sound reduction index of joints $R_{ST,w}$
Spectrum adaptation terms C and C_{tr}



$$R_{ST,w} (C; C_{tr}) = 40 (-2; -2) \text{ dB}$$

Nominal weighted sound reduction index for floor seals
with air gap $w = 7 \text{ mm}$

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 any further characteristics of the present construction regarding performance and quality.

Notes on publication

The ift Guidance Sheet "Conditions and Guidance for the Use of ift Test Documents" applies and ift Guidance Sheet SC- 02/1 "Determination of the sound insulation of a door with floor seal".

The cover sheet can be used as an abstract.

Contents

The test report contains a total of 8 pages.

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

ift Rosenheim
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