

Evidence of performance

Joint sound reduction of seals

Test Report

N° 15-004132-PR01

(PB Z01-K06-04-en-03)



Client **Athmer OHG**
Sophienhammer
59757 Arnsberg
Germany

Product	Lowerable floor seal, single-side activation
Designation	Schall-Ex L-15/30 WS
Cross section of sealing groove	15 mm x 30 mm
Air gap w	varying, 5 mm, 7 mm and 12 mm

Special features **none**

Weighted sound reduction index of joints $R_{s,w,0}$
Spectrum adaptation terms C and C_{tr}



$R_{s,w,0} (C; C_{tr}) = 52 (-2; 0) \text{ dB}$

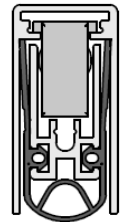
Nominal weighted sound reduction index for floor seals with air gap $w = 7 \text{ mm}$

Basis

EN ISO 10140-1 : 2010
+A1:2012+A2:2014
EN ISO 10140-2 : 2010
EN ISO 717-1: 2013

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05.07.2016

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_a 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.

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.

The cover sheet can be used as abstract.

Contents

The test report contains a total of 10 pages.

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

ift Rosenheim
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Dr. Joachim Hessinger, Dipl.-Phys.
Head of Testing Department
Building Acoustics

Andreas Preuss, Dipl.-Ing. (FH)
Head of Laboratory
Building Acoustics