

Evidence of Performance

Joint sound reduction of filling material

Test Report

No. 16-003531-PR03
(PB Z5/Z6-K05-04-en-01)



Client **Bloem Sealants b.v.**
Westvlietweg 69
2495 AA Den Haag
Netherlands

Product	1-K gun foam
Designation	FLEXOFOAM
Density	10 mm joint: 19 g/l 20 mm joint: 15 g/l
Specials	-/-

Basis

EN ISO 10140-1 : 2010
+A1:2012
EN ISO 10140-2 : 2010
EN ISO 717-1 : 1996+A1:2006
12-001850-PR06 (PB Z5/Z6-K05-04-en-01) dated 07th of July 2014

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

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 9 pages:

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

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



test 1 (10 mm joint width)

$$[R_{s,w} (C; C_{tr}) \geq 63 (-1; -4) \text{ dB}]$$

test 2 (20 mm joint width)

$$[R_{s,w} (C; C_{tr}) \geq 64 (-2; -5) \text{ dB}]$$

Determined for 10 and 20 mm joint width

ift Rosenheim

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