

Evidence of Performance

Joint sound reduction of filling material

Test Report

No. 16-001649-PR02

(PB 1-K05-04-en-01)



Client **Den Braven Romania**
Comex S.R.L.
Str. Rasaritului Nr. 51
70000 Buftea Judetul Ilfov
310507 Bucuresti
Romania

Basis

EN ISO 10140-1: 2010
+A1: 2012 + A2:2014
EN ISO 10140-2 : 2010
EN ISO 717-1 : 2013
16-001649-PR01 (PB-K05-04-en-01) dated 30.05.2016

Representation



Product	Gun foam, white
Designation	Elast-O-Foam 10 mm joint: 26 g/l 20 mm joint: 23 g/l
Density	20 mm joint: 23 g/l
Special features	-/-

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 construction submitted regarding performance and quality.

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



10 mm width of joint

$$[R_{s,w} (C; C_{tr}) \geq 63 (-2;-6) \text{ dB}]$$

20 mm width of joint

$$[R_{s,w} (C; C_{tr}) \geq 62 (-1;-5) \text{ dB}]$$

Determined for 10 and 20 mm width of joint

ift Rosenheim
17.10.2016

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

Bernd Saß, Dipl.-Ing. (FH)
Deputy Head of Testing Department
Building Acoustics

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 an 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)