

# Evidence of Performance

## Joint sound reduction of filling material

### Test report

No. 15-004032-PR02

(PB 2-K05-04-en-01)



Client **Den Braven Romania**  
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#### Basis

EN ISO 10140-1: 2010  
+A1: 2012 + A2:2014  
EN ISO 10140-2 : 2010  
EN ISO 717-1 : 2013  
15-004032-PR02 (PB 2-K05-04-de-01) dated 22.04.2016

#### Representation



Product	1-Kfoam
Designation	PU FOAM HAND HELD B3 22 g/l for width of joint 10 mm
Density	21 g/l for width of joint 20 mm
Specials	-/-

#### 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  $\tau_e$  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  $R_{s,w}$   
Spectrum adaptation terms C and  $C_{tr}$



10 mm joint

$$[R_{s,w} (C; C_{tr}) \geq 62 (-2;-6) \text{ dB}]$$

20 mm joint

$$[R_{s,w} (C; C_{tr}) \geq 62 (-2;-6) \text{ dB}]$$

Determined for 10 and 20 mm width of joint

#### 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.

ift Rosenheim  
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#### 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 10 pages:

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