

Number	20-004738-PR09 (NW 01-K05-04-en-01)
Owner	Rotho Blaas srl Via dell' Adige 2/1 I-39040 Cortaccia (BZ) Italy
Product	1 K PU gun-foam
Designation	Shipping name: HERMETIC FOAM
Details	Material polyurethane; joint length 1200 mm; joint width 1 10 mm; joint width 2 20 mm; joint depth 100 mm; joint cover without cover; density 19.9 g/l resp. 19.5 g/l; curing time 11 days
Special features	

## Result

Weighted sound reduction index of joints  $R_{S,w}$  and Spectrum adaptation terms  $C$  and  $C_{tr}$  according to EN ISO 10140-1: 2016, EN ISO 717-1:2013-03



Joint width 10 mm:

$[R_{S,w} (C; C_{tr}) \geq 63 (-1;-5) \text{ dB}]$

Joint width 20 mm:

$[R_{S,w} (C; C_{tr}) \geq 63 (-2;-5) \text{ dB}]$

## Basis \*)

EN ISO 10140-1: 2016

EN ISO 10140-2: 2010

EN ISO 717-1: 2013

\*) and corresponding national versions (e.g. DIN EN)

Test report: 20-004738-PR03 PB  
01-K05-04-en-01

## 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  $\tau_e$  according to EN ISO 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.

## Notes on publication

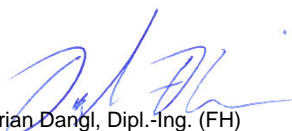
The ift Guidance Sheet "Conditions and Guidance for the Use of ift Test Documents" applies.

ift Rosenheim

11.03.2021



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ID: AC2-51867

Number	20-004738-PR11 (NW-K05-09-en-01)
Owner	Rotho Blaas srl Via dell' Adige 2/1 I-39040 Cortaccia (BZ) Italy
Product	Single-component polyurethane foam
Designation	HERMETIC FOAM
Details	Manufacturer Rotho Blaas srl, I-39040 – Cortaccia (BZ); Material Polyurethane (PUR)
Special features	-/-

## Result

Determination of water vapour transmission permeability according to EN ISO 12572, Set A



Water vapour  
resistance factor  $\mu_{0/50} = 20$   
Diffusion equivalent  
air layer thickness  $S_{d0/50} = 1.4 \text{ m}^*$   
\*) for a material thickness of 70 mm

## Basis \*)

ift-Richtlinie MO-01/1:2007-01  
EN ISO 12572:2016-08  
\*) and corresponding national versions  
(e.g. DIN EN)

Test report: 20-004738-PR05 PB-  
K02-09-en-01

## Representation



## Validity

There is no time limit.  
When using this document the up-to-dateness of above basis and the conformity of the product have to be observed.

The data and results given relate solely to the tested/described specimen. This test/evaluation does not allow any statement to be made on further characteristics of the present structure regarding performance and quality.

## Notes on publication

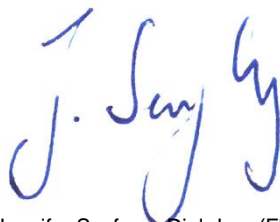
The ift-Guidance Sheet "Conditions and Guidance for the Use of ift Test Documents" applies.

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22.03.2021



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ID: 04A-EA97D

Number	20-004738-PR10 (NW-K05-02-en-01)
Owner	Rotho Blaas srl Via dell' Adige 2/1 I-39040 Cortaccia (BZ) Italy
Product	Single-component polyurethane foam
Designation	Shipping name: HERMETIC FOAM
Details	Material Polyurethane (PUR); Tested joint width 20 mm; Tested joint depth 60 mm
Special features	The air tightness of the assembly foam was determined in an "ideal" joint and in a new state based on DIN 18542. The results cannot be used as proof of the air tightness of (foamed) component connection joints carried out in practice.

## Result

Air permeability according to EN 12114:2000-03



**Air permeability in new condition**  
 **$a \leq 0,1 \text{ m}^3/(\text{m}^*\text{h}*\text{daPa}^{2/3})$**

## Basis \*)

EN 12114:2000-03

\*) and corresponding national versions  
(e.g. DIN EN)

Test report: 20-004738-PR04 PB-K05-02-de-01

## Representation



## Instructions for use

Testing of the product was determined in an "ideal" joint and in new condition based on DIN 18542, Clause 8.2 and 8.3. The results of the tested performance characteristics cannot be used as evidence of linear joints performed in practice.

## Validity

There is no time limit.

When using this document the up-to-dateness of above basis and the conformity of the product have to be observed.

The data and results given relate solely to the tested/described specimen.

This test does not allow any statement to be made on further characteristics of the present structure regarding performance and quality, in particular the effects of weathering and ageing.

## 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.

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29.04.2021



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