

Sound insulation index to DIN EN ISO 10140-2010**P-BA 104/2017**Applicant: DORMA Hüppe Raumtrennsysteme GmbH & Co. KG
26655 Ocholt, Germany

Results sheet 1

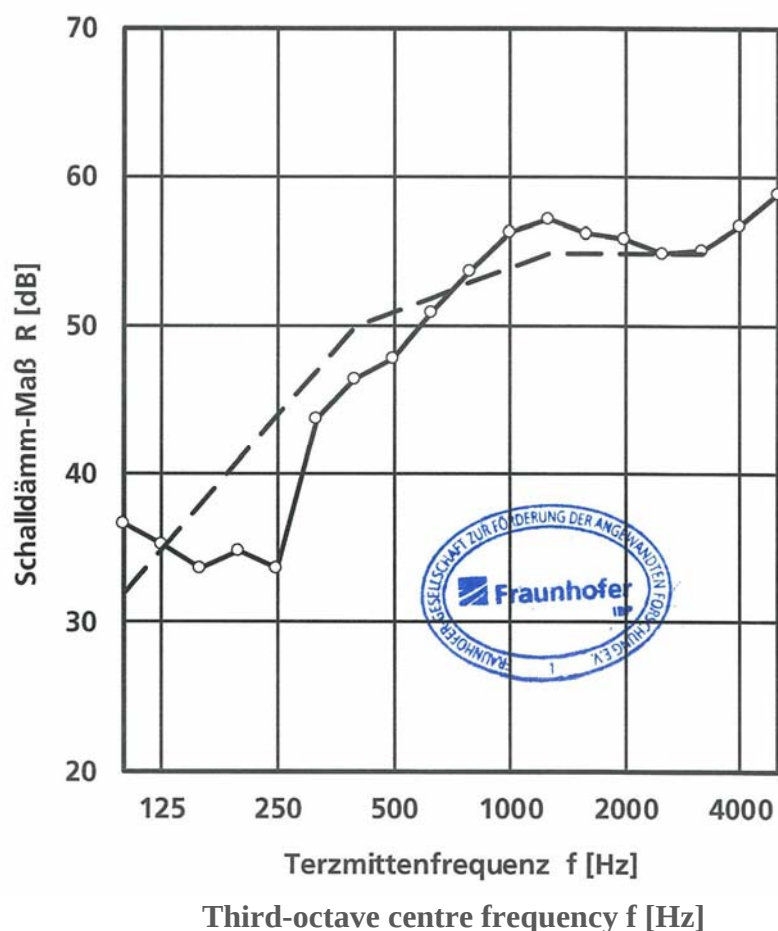
Subject:

Electrically operated movable glass wall with 3 glass full-wall elements and a telescopic wall abutment (test item S 11027-34), type Variflex Glas, clad on both sides with a 9 mm thick panel of laminated safety glass (LSG). The movable wall (partition) was in a fully functional condition.

For a further description of the subject and technical data, see Table 1 and also Figs. 1 and 2.

Tested surface area: 10.75 m²
Test rooms: P6
Room volumes:
 Source V_S = 51.5 m³
 Receiver V_E = 63.2 m³
Type: Test stand
Rel. humidity: 35 ± 2%
Air temperature: 21.2 ± 0.3 °C
Static air pressure: 985 ± 1 hPa
Test sound: Pink noise
Date of test: 8 Feb. 2017

f [Hz]	R [dB]
50	14,4
63	18,6
80	29,9
100	36,6
125	35,2
160	33,6
200	34,8
250	33,6
315	43,7
400	46,4
500	47,8
630	50,9
800	53,7
1000	56,3
1250	57,1
1600	56,2
2000	55,8
2500	54,9
3150	55,1
4000	56,7
5000	58,8

**Sound
reduction
value R
[dB]**

Weighted sound reduction index to DIN EN ISO 717-1:2013
R_w (C; C_{tr}; C₁₀₀₋₅₀₀₀; C_{tr, 100-5000}) = 50.9 ± 1.2 (-2; -6; -1; -6) dB

**Fraunhofer
IBP**

This test was carried out in a test laboratory of the IBP, accredited to DIN EN ISO/IEC 17025:2005 by the DAP with certificate no. D-PL-11140-11-01.

Stuttgart, 22 June 2017
Test department manager: