

Sound insulation index to DIN EN ISO 10140-2010**P-BA 105/2017**Applicant: DORMA Hüppe Raumtrennsysteme GmbH & Co. KG
26655 Ocholt, Germany

Results sheet 1

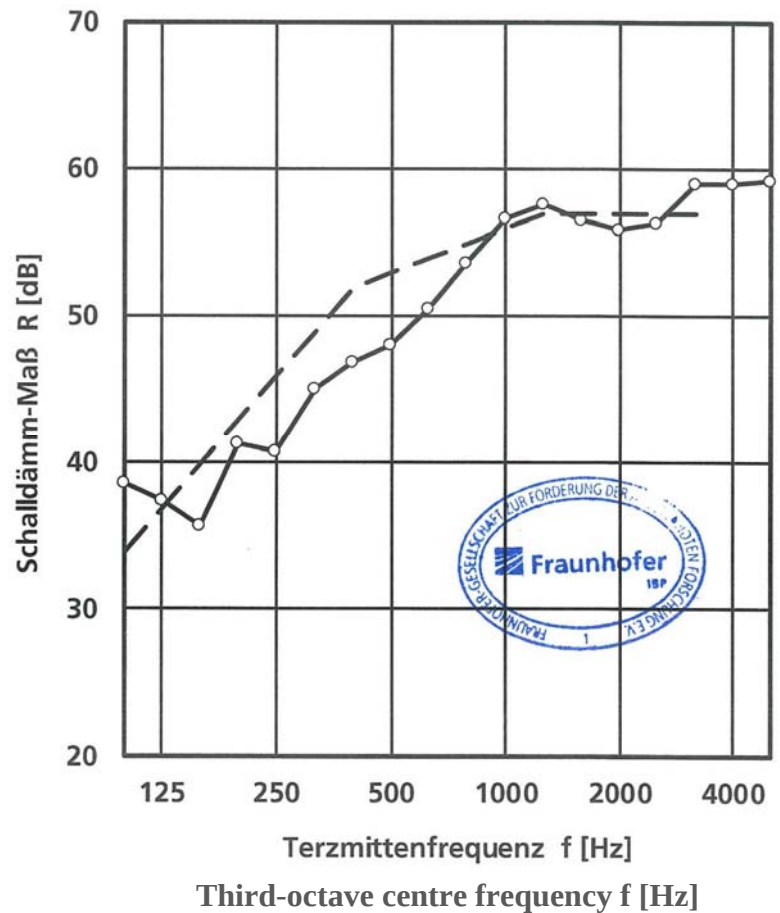
Subject:

Electrically operated movable glass wall with 3 glass full-wall elements and a telescopic wall abutment (test item S 11027-32), type Variflex Glas, clad on both sides with an 11 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: 7 Feb. 2017

f [Hz]	R [dB]
50	13,3
63	14,6
80	31,3
100	38,6
125	37,4
160	35,7
200	41,2
250	40,7
315	45,0
400	46,8
500	48,0
630	50,5
800	53,6
1000	56,6
1250	57,6
1600	56,5
2000	55,8
2500	56,3
3150	58,9
4000	59,0
5000	59,2

**Sound
reduction
value R
[dB]**

Weighted sound reduction index to DIN EN ISO 717-1:2013
 $R_w (C; C_{tr}; C_{100-5000}; C_{tr, 100-5000}) = 52.9 \pm 1.2 (-1; -5; 0; -5) \text{ dB}$

**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: