

**Client:** Espero BV  
NL – 5145 PE Waalwijk

**Fig. 3**

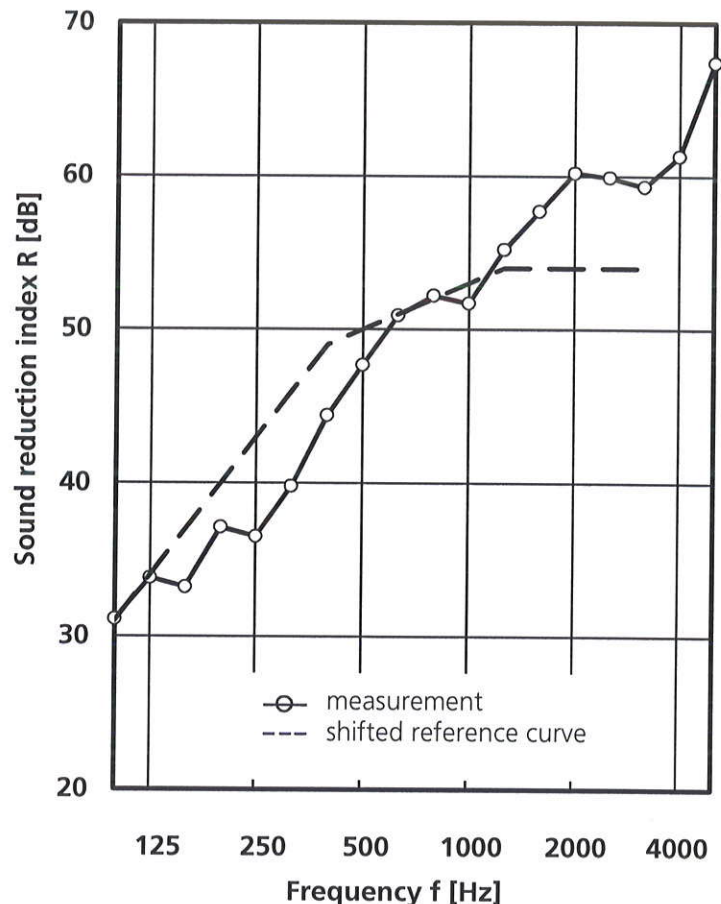
## Test specimen

Double-leaf movable glass partition wall (test object S 10664-10), Type "Visio-100 50 dB" (see Fig. 1 and 2). Covering on both sides of 8 mm thick laminated safety glass pane with acoustic film, cavity of the element without insulation material. The partition consisted of 3 glass elements (1006 mm x 2802 mm each), a wall post (65 mm x 2802 mm) and a retractable wall post (520 mm x 2802 mm). At the bottom and top both sides with additional gaskets. The partition was in a functional state.

Partition thickness: 102 mm  
 Mass per unit area of the covering: 40 kg/m<sup>2</sup>  
 Mass per unit area of test wall: 54 kg/m<sup>2</sup> (including frame and mechanics)

Additional description and technical data see page 2 and 3 of the test report as well as Fig.1 and 2.

**Test surface area:** 10.7 m<sup>2</sup>  
**Test facilities:** test facilities for walls P6  
**Room volume:** V<sub>S</sub> = 52.8 m<sup>3</sup>  
 V<sub>E</sub> = 63.2 m<sup>3</sup>  
**Maximum insulation of test facility:** R'<sub>max,w</sub> = 77 dB  
**Relative humidity:** 51 % ± 2 %  
**Air temperature:** 22.1 °C ± 0.3 °C  
**Static air pressure:** 985 hPa ± 1 hPa  
**Excitation noise:** pink noise  
**Test date:** September 10, 2014



Frequency f [Hz]	Sound reduction index R [dB]
100	31.1
125	33.8
160	33.2
200	37.1
250	36.5
315	39.8
400	44.4
500	47.7
630	50.9
800	52.2
1000	51.7
1250	55.2
1600	57.7
2000	60.2
2500	59.9
3150	59.3
4000	61.3
5000	67.4

**Weighted sound reduction index and spectrum adaptation terms according to DIN EN ISO 717-1:2013**

$$R_w (C; C_{tr}; C_{100-5000}; C_{tr,100-5000}) = 50 \text{ dB } (-2; -6; -1; -6)$$



The test was carried out in a test laboratory of the IBP accredited according to DIN EN ISO/IEC 17025 by the DAP (German Accreditation System for Testing), No. DAP-PL-3743.26.

Stuttgart, December 10, 2014  
**Head of the test laboratory:**

