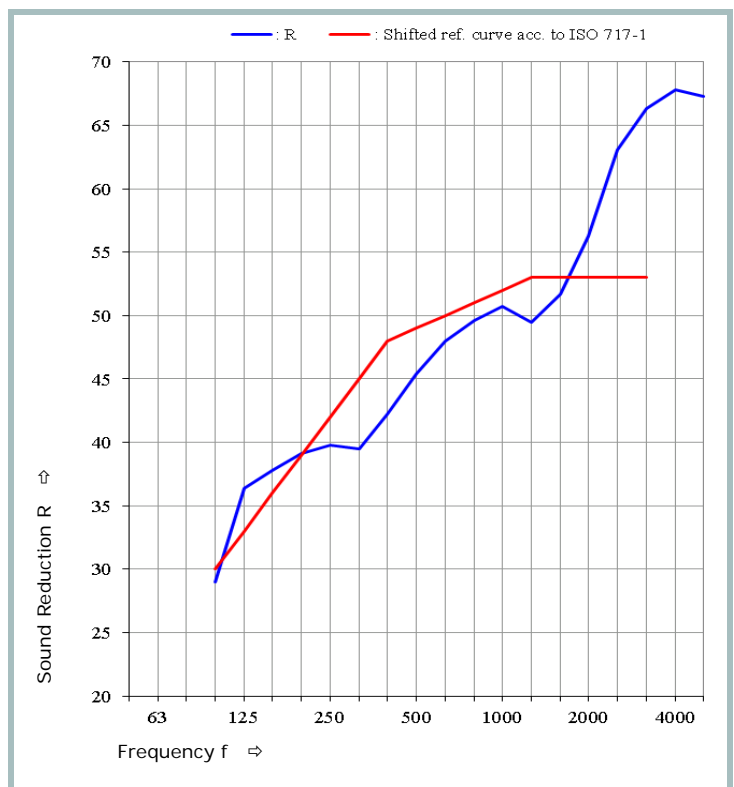


DATE: 19.05.15 (Revised 05.09.17)

Performance Criteria: Sound Insulation**Applicable Standards:** BS EN ISO 10140-2: 2010; ISO 717-1:2013**System:** Revolution 100**Configuration:** 10.8mm Acoustic Laminate + 12.8mm Acoustic Laminate**Description:** Double glazed screen comprising multiple modules of 10.8mm acoustic laminated glass on one face and 12.8mm acoustic laminated glass on the other, installed into aluminium track sections with glass sealed into tracks with PVC gaskets and between panels with Optima dry-joints.**Test Date:** 27 March 2015**Test Report Number:** 2151-1850**Test Specimen Area:** 5.56m²**Test Data:**

Frequency (Hz)	R (dB) screen	R (dB) door
100	29.0	~
125	36.4	~
160	37.8	~
200	39.1	~
250	39.8	~
315	39.5	~
400	42.2	~
500	45.4	~
630	48.0	~
800	49.6	~
1000	50.7	~
1250	49.5	~
1600	51.7	~
2000	56.3	~
2500	63.1	~
3150	66.3	~



Third Octave Band

Weighted Sound Reduction Index**R_w (C; Ctr) 49 (-1; -5) dB**

Independently tested at UKAS accredited acoustic test laboratory

Issued By:*Phong***Position:**

Technical Product Manager

To validate this certified performance the system installation must be carried out in strict accordance with the details summarised in the Optima Designer's Guide and Installer's Guide.