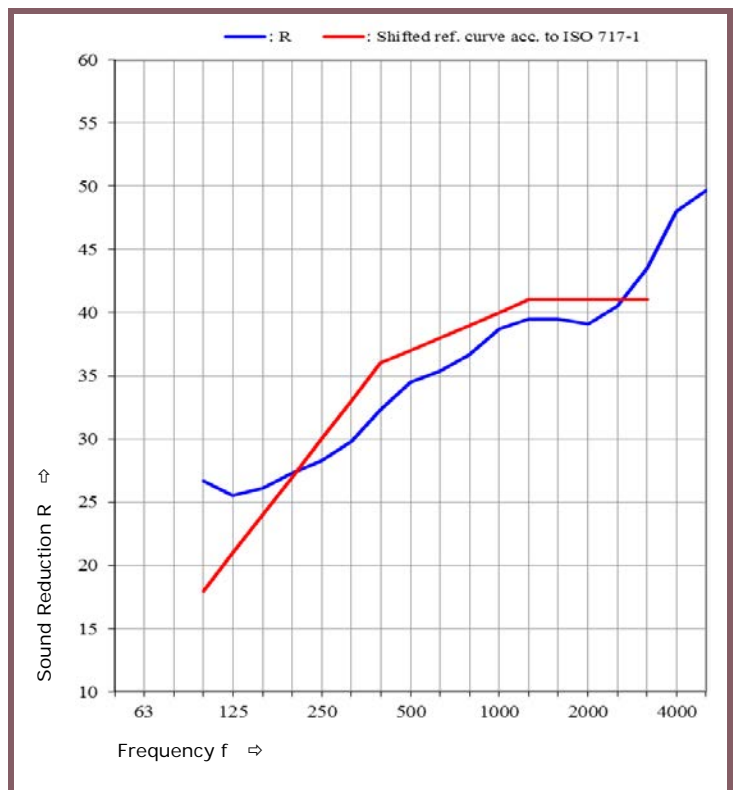


DATE: 21.01.14

Performance Criteria: Sound Insulation**Applicable Standards:** BS EN ISO 10140-2: 2010; ISO 717-1:1996**System:** Optima 117 PLUS**Configuration:** Single glazed in 10.8mm Acoustic Laminate**Description:** Glazed screen comprising multiple modules of 10.8mm acoustic laminate glass installed into aluminium track sections with glass sealed into tracks with PVC gaskets and between panels with Optima Nebula™ dry-joints.**Test Date:** 30.11.11**Test Report Number:** 542-436**Test Specimen Area:** 8.64m²**Test Data:**

Frequency (Hz)	R (dB) screen	R (dB) door
100	26.7	~
125	25.5	~
160	26.2	~
200	27.3	~
250	28.3	~
315	29.8	~
400	32.3	~
500	34.5	~
630	35.4	~
800	36.7	~
1000	38.7	~
1250	39.5	~
1600	39.5	~
2000	39.1	~
2500	40.5	~
3150	43.5	~



Third Octave Band

Weighted Sound Reduction Index**R_w (C; Ctr) 37 (-0; -3) dB**

Independently tested at UKAS accredited acoustic test laboratory

Issued By:
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.