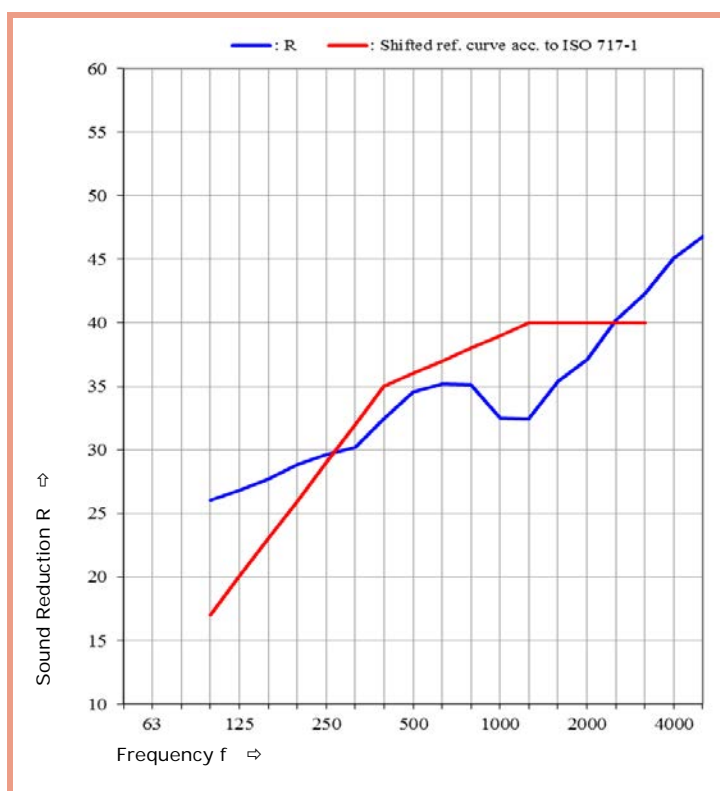


DATE: 21.01.14

Performance Criteria: Sound Insulation**Applicable Standards:** BS EN ISO 10140-2: 2010; ISO 717-1:1996**System:** Kinetic**Configuration:** 12.8mm Acoustic Laminate Screen with ALIGN Door**Description:** Glazed screen comprising multiple modules of 12.8mm acoustic laminate glass installed into aluminium track sections with glass sealed into tracks with PVC gaskets and between panels with Optima Nebula™ dry joints. 12mm toughened glass ALIGN door**Test Date:** 29.11.11 (screen); 02.12..11 (door)**Test Report Number:** 542-431 (screen); 542-453 (door)**Test Specimen Area:** 8.64m² (screen); 2.65m² (door)**Test Data:**

Frequency (Hz)	R (dB) screen	R (dB) door
100	28.3	22.9
125	26.9	26.6
160	27.6	28.0
200	28.8	28.9
250	29.8	29.2
315	31.3	28.2
400	33.9	30.0
500	35.9	32.3
630	36.6	32.9
800	37.9	31.7
1000	39.6	27.6
1250	39.8	27.5
1600	39.4	31.3
2000	40.0	33.6
2500	43.8	36.3
3150	46.7	38.1



Third Octave Band

Weighted Aggregate Sound Reduction Index**R_w (C;Ctr) 36 (-1;-3) dB**

Calculated from test data generated at independent UKAS accredited acoustic test laboratory

Issued By:**Position:**

Technical 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.