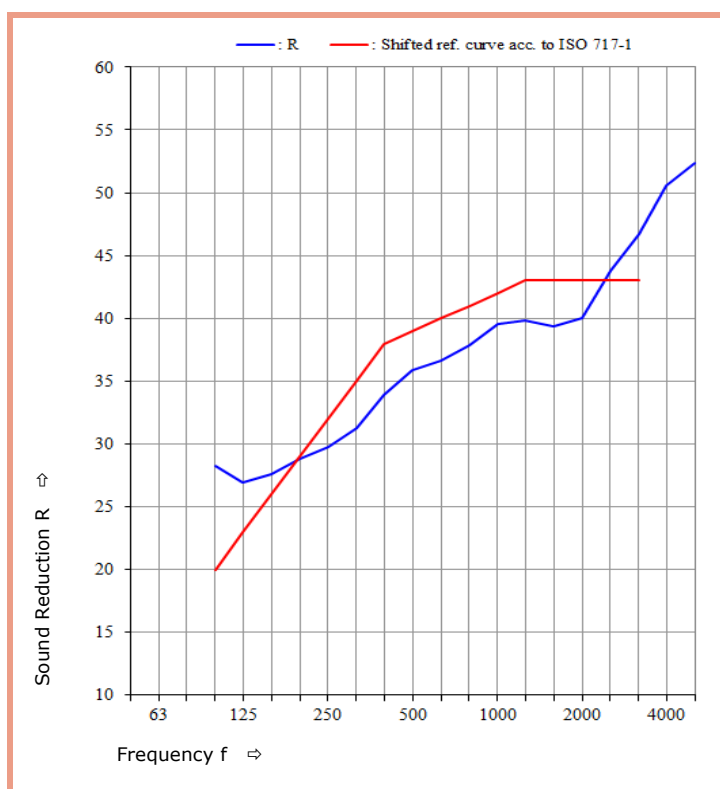


DATE: 21.01.14

**Performance Criteria: Sound Insulation****Applicable Standards:** BS EN ISO 10140-2: 2010; ISO 717-1:1996**System:** Kinetic**Configuration:** 12.8mm Acoustic Laminate Screen only – No 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.**Test Date:** 29.11.11**Test Report Number:** 542-431**Test Specimen Area:** 8.64m<sup>2</sup>**Test Data:**

Frequency (Hz)	R (dB) screen	R (dB) door
100	28.3	~
125	26.9	~
160	27.6	~
200	28.8	~
250	29.8	~
315	31.3	~
400	33.9	~
500	35.9	~
630	36.6	~
800	37.9	~
1000	39.6	~
1250	39.8	~
1600	39.4	~
2000	40.0	~
2500	43.8	~
3150	46.7	~



Third Octave Band

**Weighted Sound Reduction Index****R<sub>w</sub> (C;Ctr) 39 (-1;-4) dB**

Independently tested at 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.