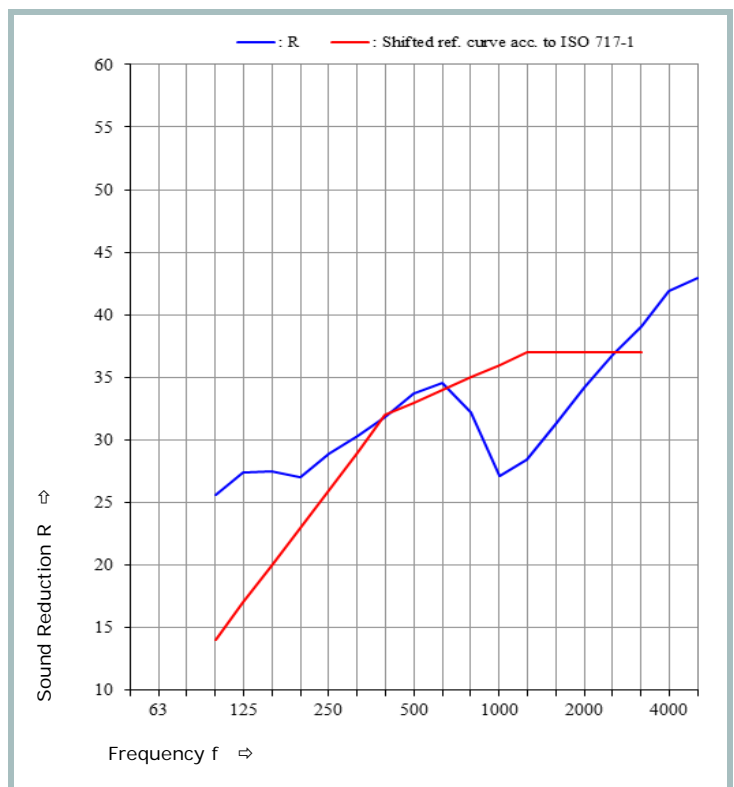


DATE: 07.02.14

*Performance Criteria:* **Sound Insulation***Applicable Standards:* BS EN ISO 10140-2: 2010; ISO 717-1:1996*System:* Revolution 54*Configuration:* **12mm Toughened***Description:* Single glazed screen comprising multiple modules of 12mm toughened glass, installed into aluminium track sections with glass sealed into tracks with PVC gaskets and between panels with Optima Nebula™ dry-joints*Test Date:* 14.10.10*Test Report Number:* 33-113*Test Specimen Area:* 8.64m<sup>2</sup>*Test Data:*

Frequency (Hz)	R (dB) screen	R (dB) door
100	25.6	~
125	27.4	~
160	27.5	~
200	27.0	~
250	28.9	~
315	30.3	~
400	31.8	~
500	33.7	~
630	34.6	~
800	32.2	~
1000	27.1	~
1250	28.4	~
1600	31.3	~
2000	34.2	~
2500	36.8	~
3150	39.1	~



Third Octave Band

**Weighted Sound Reduction Index****R<sub>w</sub>**  
(C; Ctr) **33** (-1; -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.