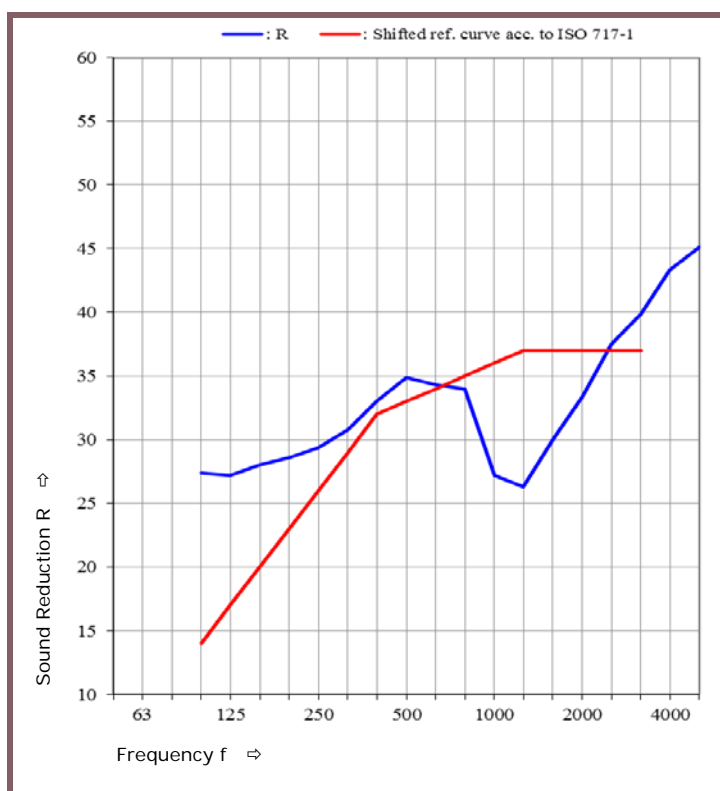


DATE: 21.01.14

*Performance Criteria:* **Sound Insulation***Applicable Standards:* BS EN ISO 10140-2: 2010; ISO 717-1:1996*System:* Optima 117 PLUS*Configuration:* **Single glazed in 12mm Toughened***Description:* 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:* 30.11.11*Test Report Number:* 542-434*Test Specimen Area:* 8.64m<sup>2</sup>*Test Data:*

Frequency (Hz)	R (dB) screen	R (dB) door
100	27.4	~
125	27.2	~
160	28.0	~
200	28.6	~
250	29.4	~
315	30.8	~
400	33.0	~
500	34.9	~
630	34.3	~
800	34.0	~
1000	27.2	~
1250	26.3	~
1600	30.0	~
2000	33.4	~
2500	37.5	~
3150	39.9	~



Third Octave Band

**Weighted Sound Reduction Index****R<sub>w</sub> (C; Ctr) 33 (-2; -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.