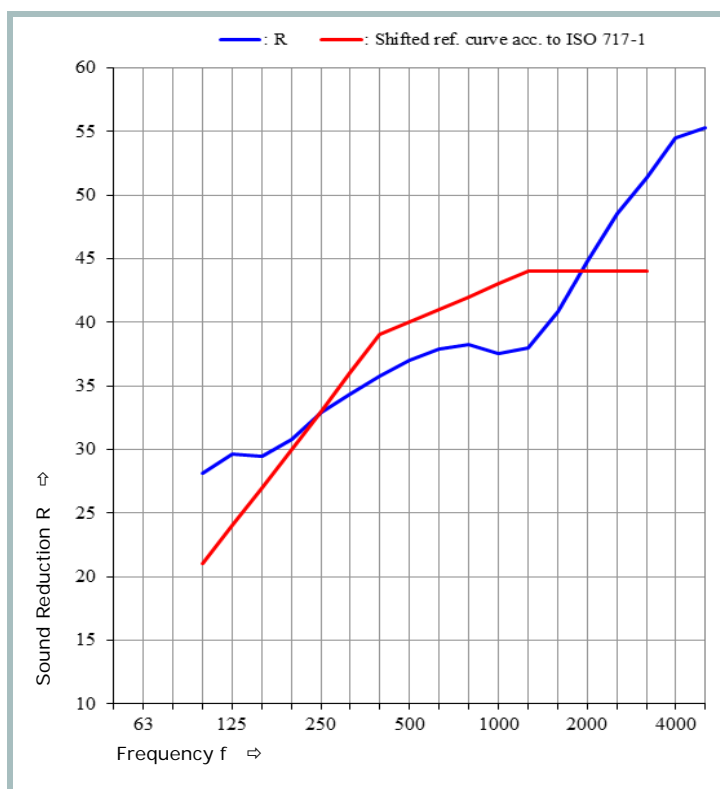


DATE: 19.05.15 (Revised 05.09.17)

*Performance Criteria:* **Sound Insulation***Applicable Standards:* BS EN ISO 10140-2: 2010; ISO 717-1:2013*System:* Revolution 100*Configuration:* **16.8mm Acoustic Laminate***Description:* Single glazed screen comprising multiple modules of 16.8mm acoustic laminated glass, installed into aluminium track sections with glass sealed into tracks with PVC gaskets and between panels with Optima dry-joints.*Test Date:* 31 March 2015*Test Report Number:* 2151-1857*Test Specimen Area:* 5.56m<sup>2</sup>*Test Data:*

Frequency (Hz)	R (dB) screen	R (dB) door
100	28.1	~
125	29.6	~
160	29.5	~
200	30.8	~
250	32.9	~
315	34.3	~
400	35.8	~
500	37.0	~
630	37.9	~
800	38.2	~
1000	37.5	~
1250	38.0	~
1600	40.8	~
2000	44.8	~
2500	48.5	~
3150	51.4	~



Third Octave Band

**Weighted Sound Reduction Index****R<sub>w</sub> (C; C<sub>tr</sub>) 40 (-1; -3) 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.