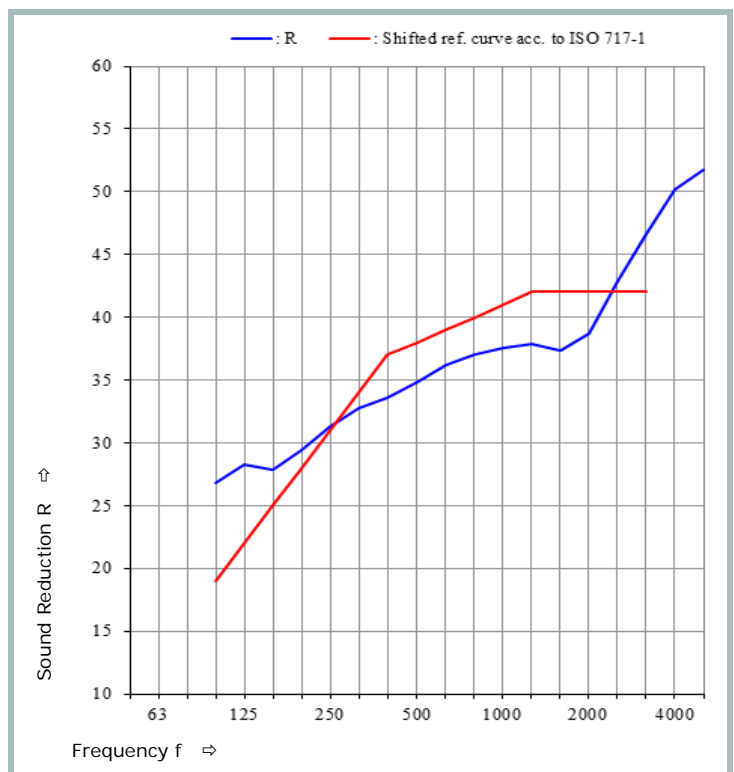


DATE: 19.05.15 (revised 05.09.17)

**Performance Criteria: Sound Insulation****Applicable Standards:** BS EN ISO 10140-2: 2010; ISO 717-1: 2013**System:** Revolution 100**Configuration:** 12.8mm Acoustic Laminate**Description:** Single glazed screen comprising multiple modules of 12.8mm 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:** 2151-1862**Test Specimen Area:** 5.56m<sup>2</sup>**Test Data:**

Frequency (Hz)	R (dB) screen	R (dB) door
100	26.8	~
125	28.3	~
160	27.8	~
200	29.4	~
250	31.3	~
315	32.8	~
400	33.6	~
500	34.8	~
630	36.2	~
800	37.0	~
1000	37.6	~
1250	37.9	~
1600	37.3	~
2000	38.7	~
2500	42.9	~
3150	46.6	~



Third Octave Band

**Weighted Sound Reduction Index****R<sub>w</sub> (C; C<sub>tr</sub>) 38 (-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.