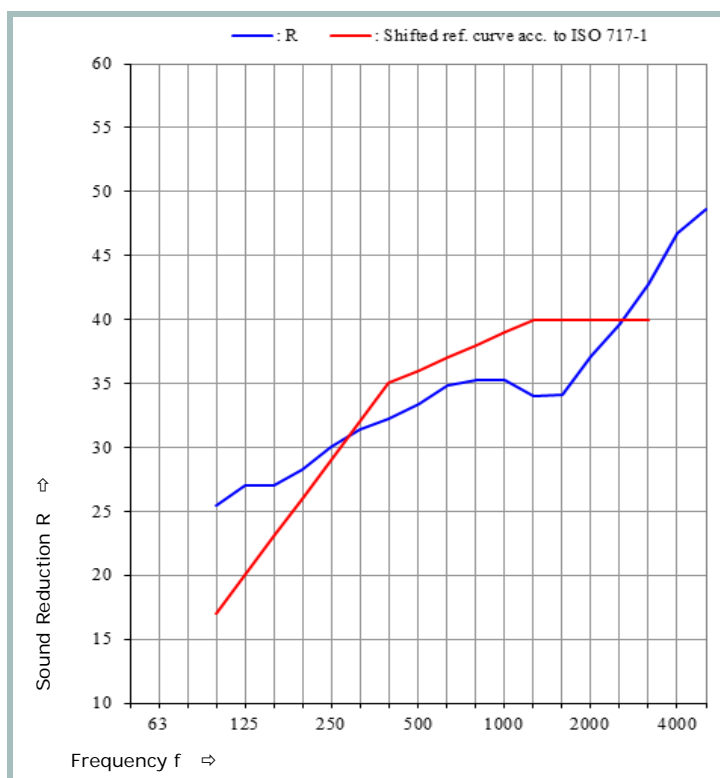


DATE: 19.05.15 (Revised 05.09.17)

**Performance Criteria:** Sound Insulation**Applicable Standards:** BS EN ISO 10140-2: 2010; ISO 717-1:2013**System:** Revolution 100**Configuration:** 10.8mm Acoustic Laminate**Description:** Single glazed screen comprising multiple modules of 10.8mm 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:** 2151-1863**Test Specimen Area:** 5.56m<sup>2</sup>**Test Data:**

Frequency (Hz)	R (dB) screen	R (dB) door
100	25.4	~
125	27.0	~
160	27.0	~
200	28.3	~
250	30.0	~
315	31.4	~
400	32.2	~
500	33.4	~
630	34.8	~
800	35.3	~
1000	35.3	~
1250	34.0	~
1600	34.1	~
2000	37.1	~
2500	39.6	~
3150	42.8	~



Third Octave Band

**Weighted Sound Reduction Index****R<sub>w</sub> (C;Ctr) 36 (-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.