

DATE: 11.01.16 (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 + 16.8mm Acoustic Laminate

**Description:** Double glazed screen comprising multiple modules of 16.8mm acoustic laminated glass on one face and 16.8mm acoustic laminated glass on the other, installed into aluminium track sections with glass sealed into tracks with PVC gaskets and between panels with Optima dry-joints

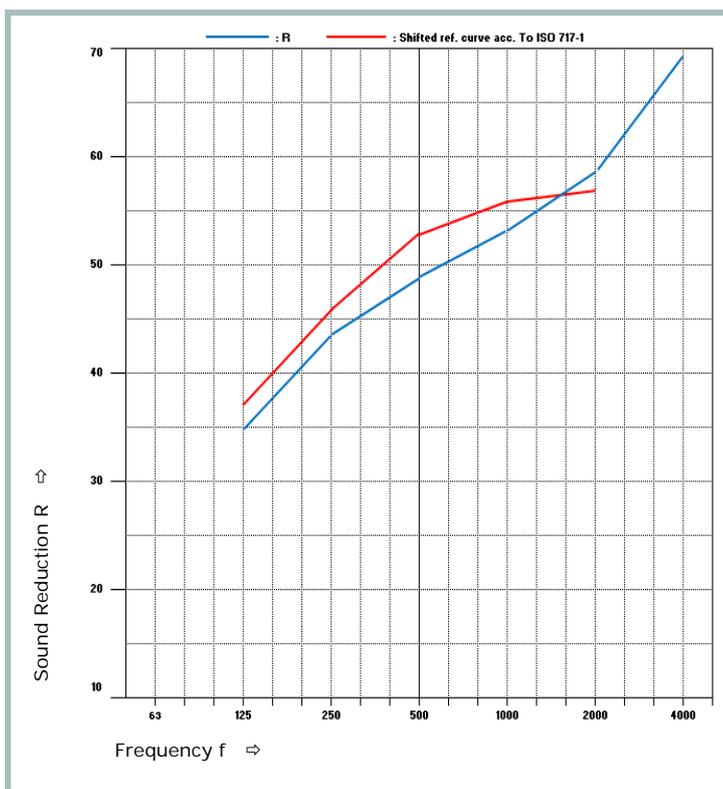
**Assessment Date:** 30 September 2015

**Assessment Number:** EPL5466 (reference test numbers 2151-1845 to 1863 of 26/27 March 2015)

**Test Specimen Area:** 5.56m<sup>2</sup>

**Assessment Data:**

Frequency (Hz)	R (dB) screen	R (dB) door
100	~	~
125	35.0	~
160	~	~
200	~	~
250	44.0	~
315	~	~
400	~	~
500	49.0	~
630	~	~
800	~	~
1000	53.0	~
1250	~	~
1600	~	~
2000	58.0	~
2500	~	~
3150	~	~



Octave Band

<b>Weighted Sound Reduction Index</b>	<b>R<sub>w</sub> (C;Ctr) 53 (-1;-5) dB</b>
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Independently assessed by the Equus Partnership Limited from UKAS accredited laboratory test data

**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.