

DATE: 07.02.14

*Performance Criteria:* **Sound Insulation**

*Applicable Standards:* BS EN ISO 10140-2: 2010; ISO 717-1:1996

*System:* Revolution 54

*Configuration:* **12mm Toughened + 10.8mm Laminate**

*Description:* Double glazed screen comprising multiple modules of 12mm toughened glass on one face and 10.8mm laminated glass on the other, installed into aluminium track sections with glass sealed into tracks with PVC gaskets and between panels with Optima Nebula™ dry-joints

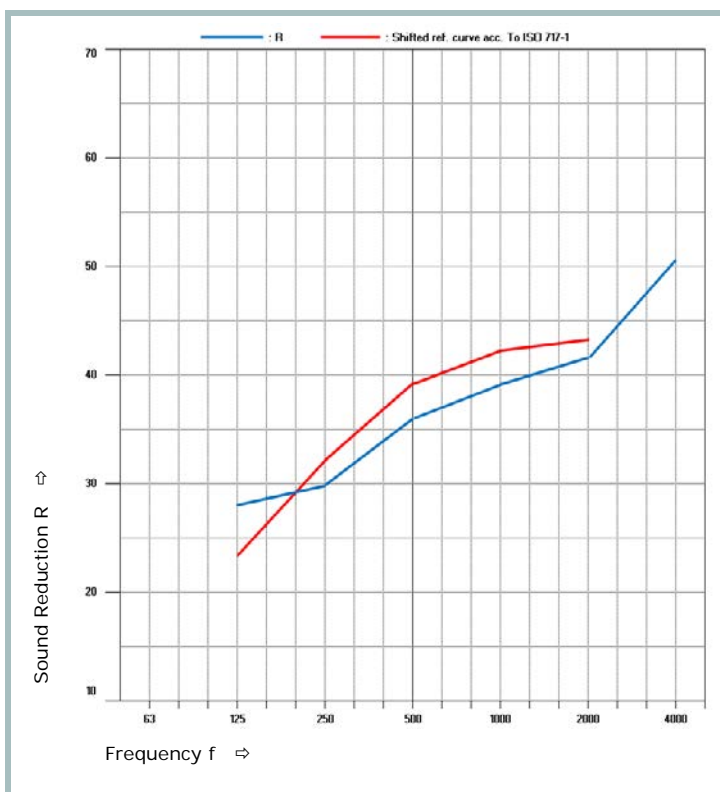
*Assessment Date:* 25 May 2012

*Assessment Number:* CI 120521/2

*Test Specimen Area:* 8.64m<sup>2</sup>

*Assessment Data:*

Frequency (Hz)	R (dB) screen	R (dB) door
100	28.0	~
125		~
160		~
200	30.0	~
250		~
315		~
400	36.0	~
500		~
630		~
800	39.0	~
1000		~
1250		~
1600	42.0	~
2000		~
2500		~
3150		~



Octave Band

<b>Weighted Sound Reduction Index</b>	<b>R<sub>w</sub> (C; Ctr) 39 (-0; -3) dB</b>
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Independently assessed by the Cliff Inman Consultancy 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.