

DATE: 07.02.14

Performance Criteria: Sound Insulation

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

System: Revolution 54

Configuration: 10.8mm Acoustic Laminate + 10.8mm Acoustic Laminate

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

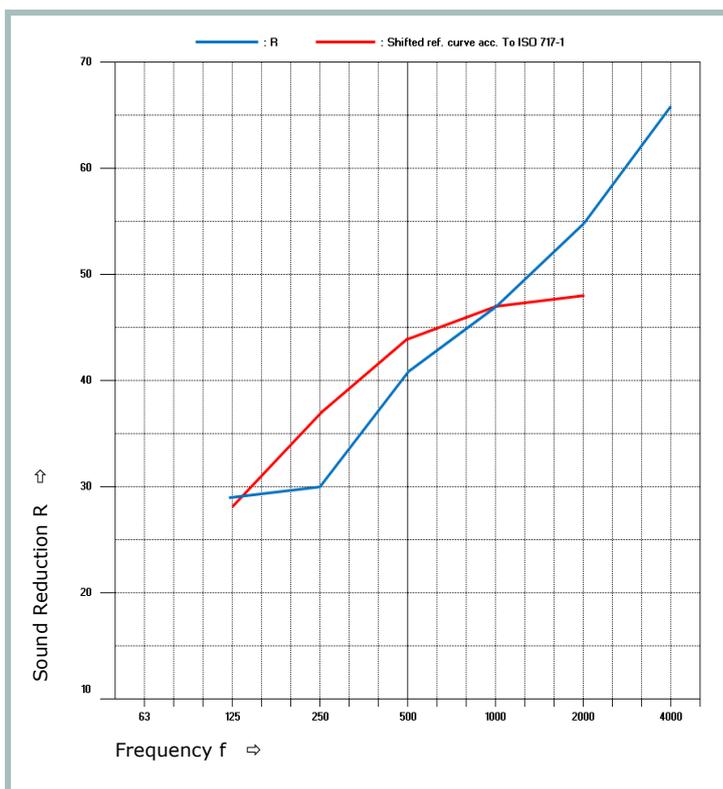
Assessment Date: 25 May 2012

Assessment Number: CI 120521/2

Test Specimen Area: 8.64m²

Assessment Data:

Frequency (Hz)	R (dB) screen	R (dB) door
100	29.0	~
125		~
160		~
200	30.0	~
250		~
315		~
400	41.0	~
500		~
630		~
800	47.0	~
1000		~
1250		~
1600	55.0	~
2000		~
2500		~
3150		~



Octave Band

Weighted Sound Reduction Index	R_w (C;Ctr) 44 (-2;-6) dB
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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.