

DATE: 07.02.14

Performance Criteria: **Sound Insulation**

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

System: Revolution 54

Configuration: **12.8mm Acoustic Laminate + 12.8mm Laminate**

Description: Double glazed screen comprising multiple modules of 12.8mm acoustic laminated glass on one face and 12.8mm 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

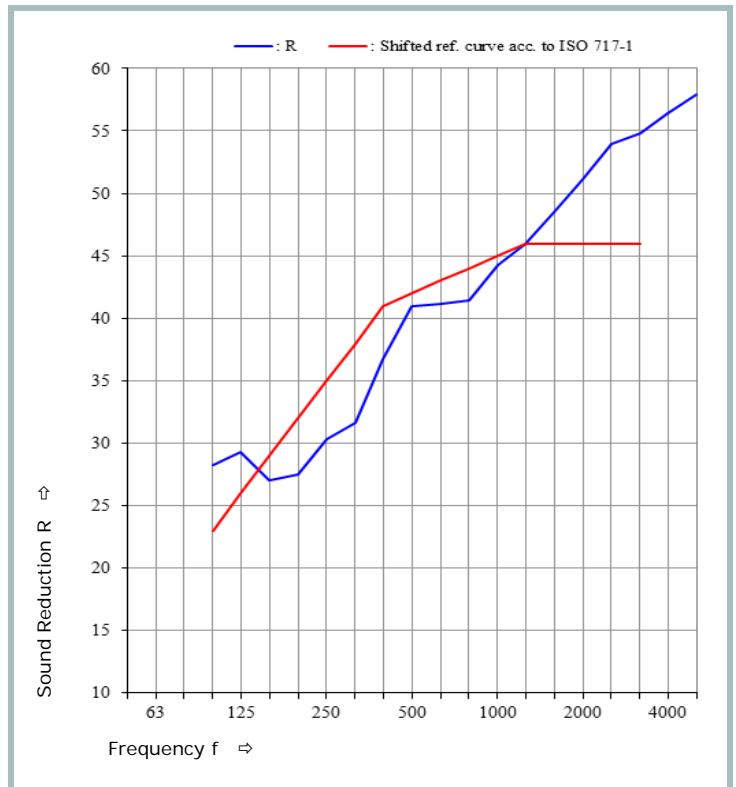
Test Date: 25.01.11

Test Report Number: 33-152

Test Specimen Area: 8.64m²

Test Data:

Frequency (Hz)	R (dB) screen	R (dB) door
100	28.3	~
125	29.3	~
160	27.0	~
200	27.5	~
250	30.3	~
315	31.6	~
400	36.7	~
500	41.0	~
630	41.2	~
800	41.4	~
1000	44.3	~
1250	46.0	~
1600	48.5	~
2000	51.1	~
2500	54.0	~
3150	54.8	~



Third Octave Band

Weighted Sound Reduction Index	R_w (C; Ctr) 42 (-1; -5) dB
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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.