

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 Acoustic Laminate (single module)**

Description: Double glazed screen comprising a single module of 12.8mm acoustic laminated glass on one face and 12.8mm 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

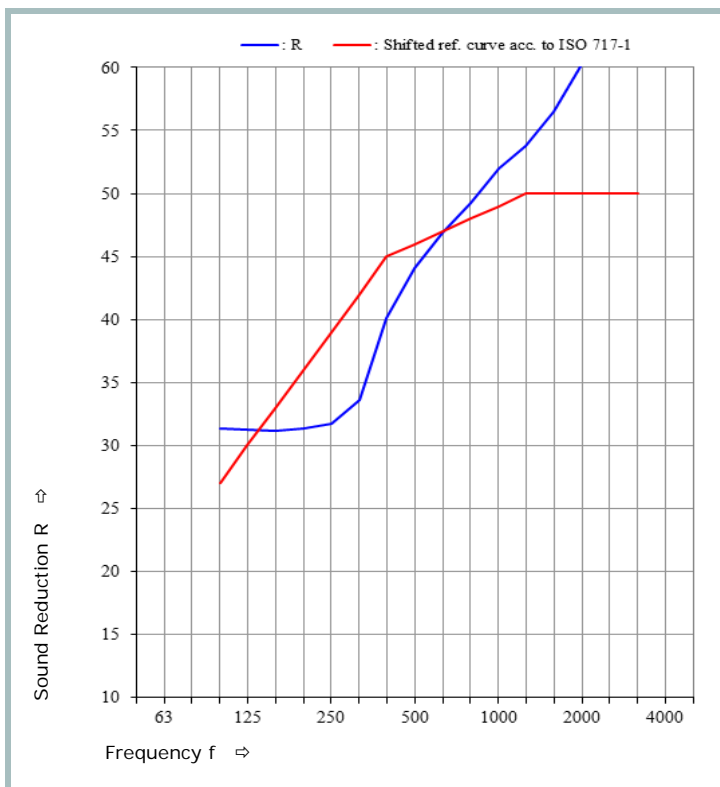
Test Date: 28.01.11

Test Report Number: 33-162

Test Specimen Area: 2.12m²

Test Data:

Frequency (Hz)	R (dB) screen	R (dB) door
100	31.4	~
125	31.3	~
160	31.2	~
200	31.4	~
250	31.7	~
315	33.6	~
400	40.1	~
500	44.1	~
630	46.9	~
800	49.3	~
1000	52.0	~
1250	53.8	~
1600	56.5	~
2000	60.3	~
2500	63.8	~
3150	64.1	~



Third Octave Band

Weighted Sound Reduction Index	R_w (C; Ctr) 46 (-2; -6) 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.