

DATE: 21.01.14

Performance Criteria: **Sound Insulation**

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

System: Optima 117 PLUS

Configuration: **Single glazed in 10.4mm Laminate**

Description: Glazed screen comprising multiple modules of 10.38mm laminate glass installed into aluminium track sections with glass sealed into tracks with PVC gaskets and between panels with Optima Nebula™ dry-joints.

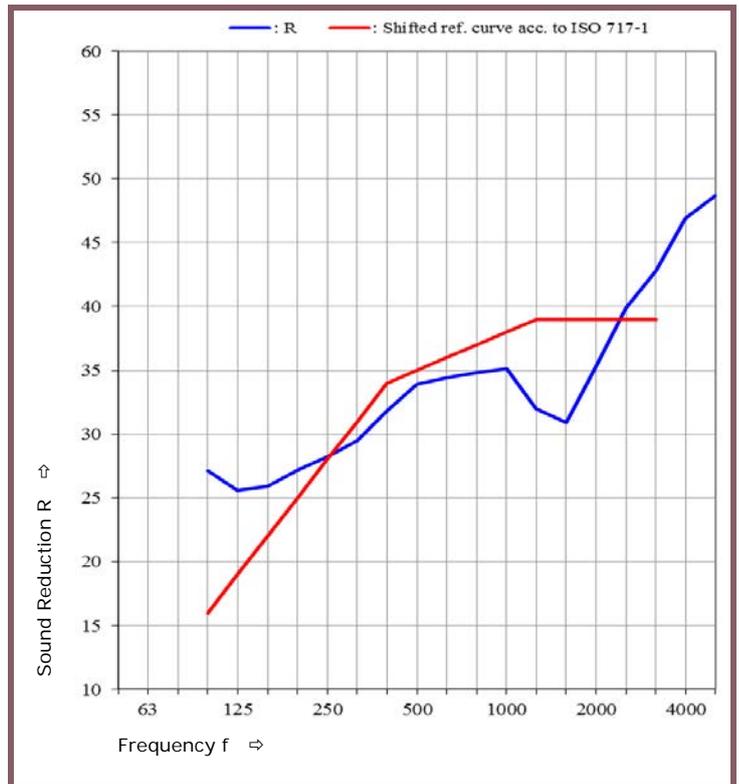
Test Date: 30.11.11

Test Report Number: 542-435

Test Specimen Area: 8.64m²

Test Data:

Frequency (Hz)	R (dB) screen	R (dB) door
100	27.1	~
125	25.6	~
160	25.9	~
200	27.2	~
250	28.2	~
315	29.5	~
400	31.8	~
500	33.9	~
630	34.4	~
800	34.8	~
1000	35.1	~
1250	32.0	~
1600	30.9	~
2000	35.4	~
2500	39.9	~
3150	42.8	~



Third Octave Band

Weighted Sound Reduction Index	R_w (C;Ctr) 35 (-1;-3) 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.