

DATE: 04.11.16

Performance Criteria: **Sound Insulation**

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

System: Optima 36

Configuration: **Single glazed in 10mm Toughened**

Description: Glazed screen comprising multiple modules of 10mm toughened glass installed into 36mm wide aluminium track sections with glass sealed into tracks with PVC gaskets and between panels with Optima dry-joints.

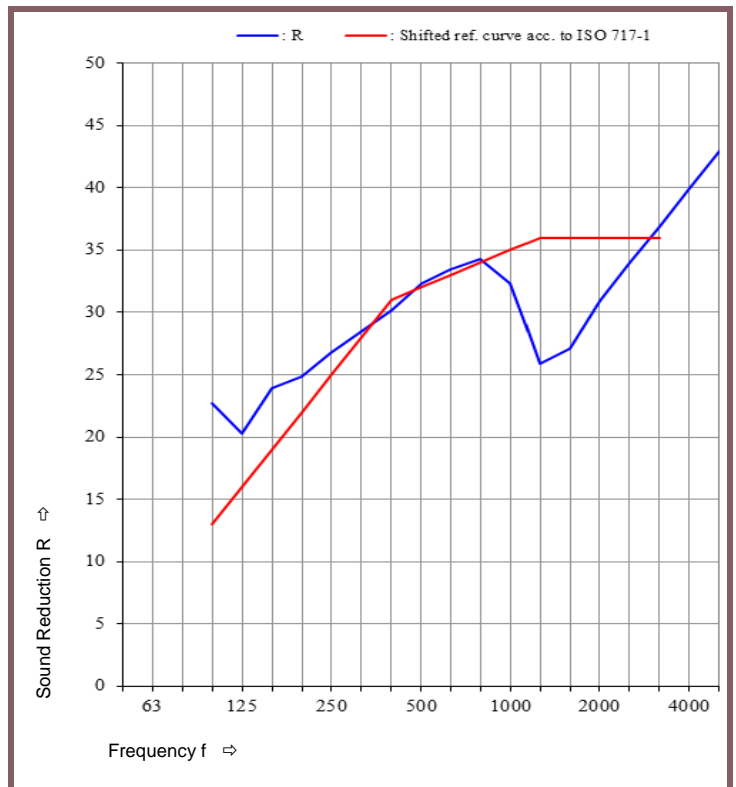
Test Date: 28.06.05

Test Report Number: L/2984/1 supported by 2916-2502 & 2503 (see Performance Certificate 036035)

Test Specimen Area: 8.77m²

Test Data:


Frequency (Hz)	R (dB) screen	R (dB) door
100	22.7	~
125	20.3	~
160	23.9	~
200	24.9	~
250	26.8	~
315	28.5	~
400	30.2	~
500	32.3	~
630	33.4	~
800	34.3	~
1000	32.3	~
1250	25.9	~
1600	27.1	~
2000	30.9	~
2500	34.0	~
3150	36.9	~



Third Octave Band

Weighted Sound Reduction Index	R_w (C;Ctr) 32 (-2;-3) dB
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Independently tested at UKAS accredited acoustic test laboratory

Issued By: 
Position: Technical 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.