

DATE: 19.05.15 (Revised 05.09.17)

Performance Criteria: **Sound Insulation**

Applicable Standards: BS EN ISO 10140-2: 2010; ISO 717-1:2013

System: Revolution 100

Configuration: **14.8mm Acoustic Laminate**

Description: Single glazed screen comprising multiple modules of 14.8mm acoustic laminated glass, installed into aluminium track sections with glass sealed into tracks with PVC gaskets and between panels with Optima dry-joints.

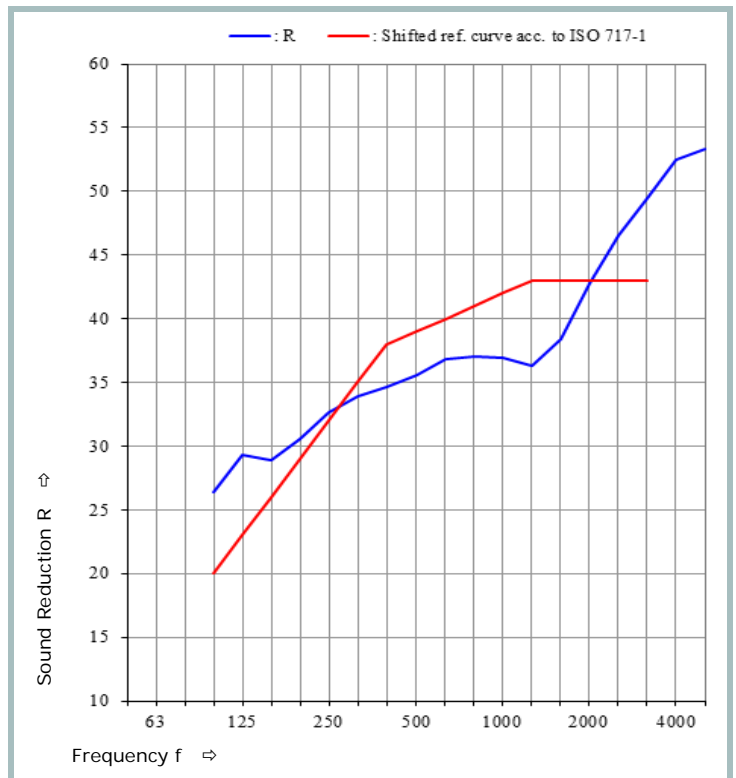
Test Date: 31 March 2015

Test Report Number: 2151-1859

Test Specimen Area: 5.56m²

Test Data:

Frequency (Hz)	R (dB) screen	R (dB) door
100	26.4	~
125	29.3	~
160	28.9	~
200	30.6	~
250	32.6	~
315	33.9	~
400	34.6	~
500	35.6	~
630	36.8	~
800	37.0	~
1000	36.9	~
1250	36.3	~
1600	38.4	~
2000	42.8	~
2500	46.5	~
3150	49.5	~



Third Octave Band

Weighted Sound Reduction Index	R_w (C; Ctr) 39 (-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.