Optima

Performance Criteria: **Sound Insulation**

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

System: Revolution 54

Configuration: **12mm Toughened + 10mm Toughened**

Description: Double glazed screen comprising multiple modules of 12mm toughened glass on one face and 10mm toughened 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

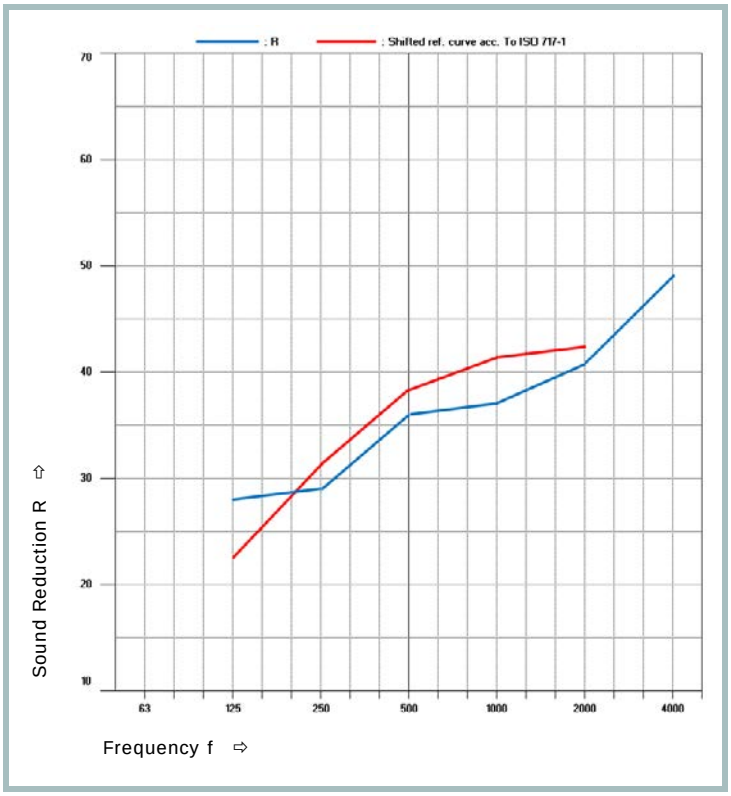
Assessment Date: 25 May 2012

Assessment Number: CI 120521/2

Test Specimen Area: 8.64m²

Assessment Data:

Frequency (Hz)	R (dB) screen	R (dB) door
100	28.0	~
125		~
160		~
200	29.0	~
250		~
315		~
400	36.0	~
500		~
630		~
800	37.0	~
1000		~
1250		~
1600	41.0	~
2000		~
2500		~
3150		~



Octave Band

Weighted Sound Reduction Index	R_w (C;Ctr) **38** (-1;-3) **dB**

Independently assessed by the Cliff Inman Consultancy from UKAS accredited laboratory test data

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.