

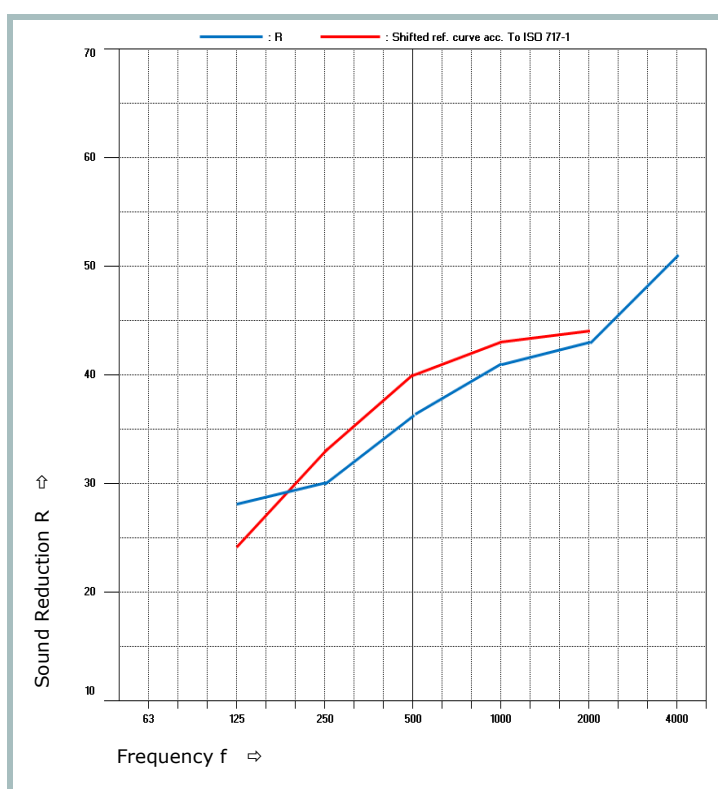
DATE: 07.02.14

Performance Criteria: Sound Insulation**Applicable Standards:** BS EN ISO 10140-2: 2010; ISO 717-1:1996**System:** Revolution 54**Configuration:** 10.8mm Laminate + 10.8mm Laminate

Description: Double glazed screen comprising multiple modules of 10.8mm laminated glass on one face and 10.8mm 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

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	30.0	~
250		~
315		~
400	36.0	~
500		~
630		~
800	41.0	~
1000		~
1250		~
1600	43.0	~
2000		~
2500		~
3150		~



Octave Band

Weighted Sound Reduction Index**R_w (C;Ctr) 40 (-1;-4) 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.