

DATE: 28.01.14

Performance Criteria: **Sound Insulation**

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

System: Door Sets

Configuration: **54mm Timber Door in Microflush Frame**

Description: 54mm chipboard core timber door leaf hung in Microflush door frame with two Norsound NOR720 seals to all edges and Norsound NOR620 aluminium threshold at base.

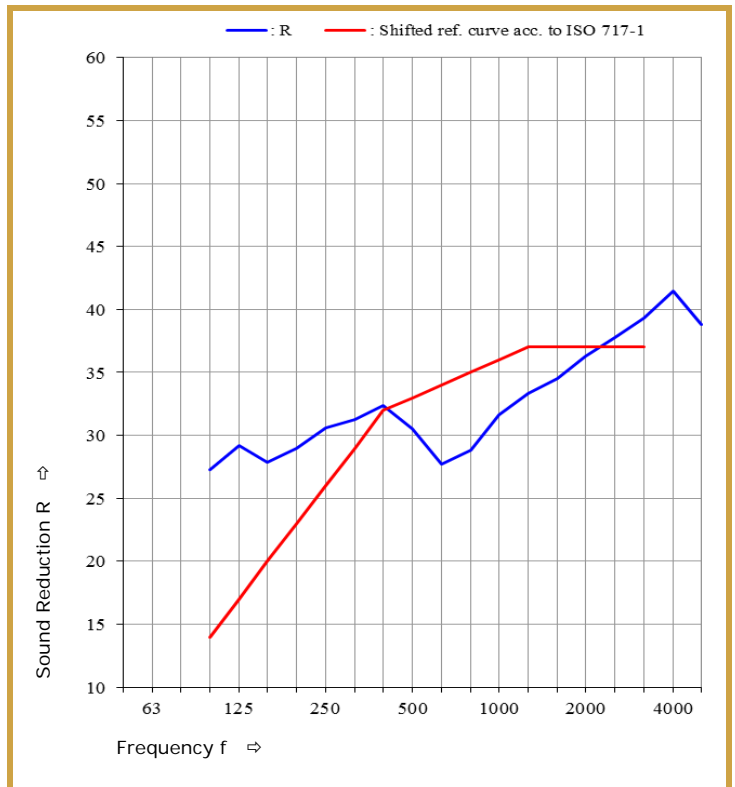
Test Date: 26.11.12

Test Report Number: 1088-910

Test Specimen Area: 2.26m²

Test Data:

Frequency (Hz)	R (dB) screen	R (dB) door
100	~	27.3
125	~	29.2
160	~	27.9
200	~	29.0
250	~	30.6
315	~	31.3
400	~	32.4
500	~	30.5
630	~	27.7
800	~	28.8
1000	~	31.6
1250	~	33.3
1600	~	34.5
2000	~	36.3
2500	~	37.8
3150	~	39.3



Third Octave Band

Weighted Sound Reduction Index	R_w (C;Ctr) 33 (0;-2) 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.