

DATE: 28.01.14

Performance Criteria: **Sound Insulation**

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

System: Door Sets

Configuration: **44mm Timber Door in Microflush Frame**

Description: 44mm chipboard core timber door leaf hung in Microflush door frame with 3 nr blade seals to top and side edges and drop seal at base.

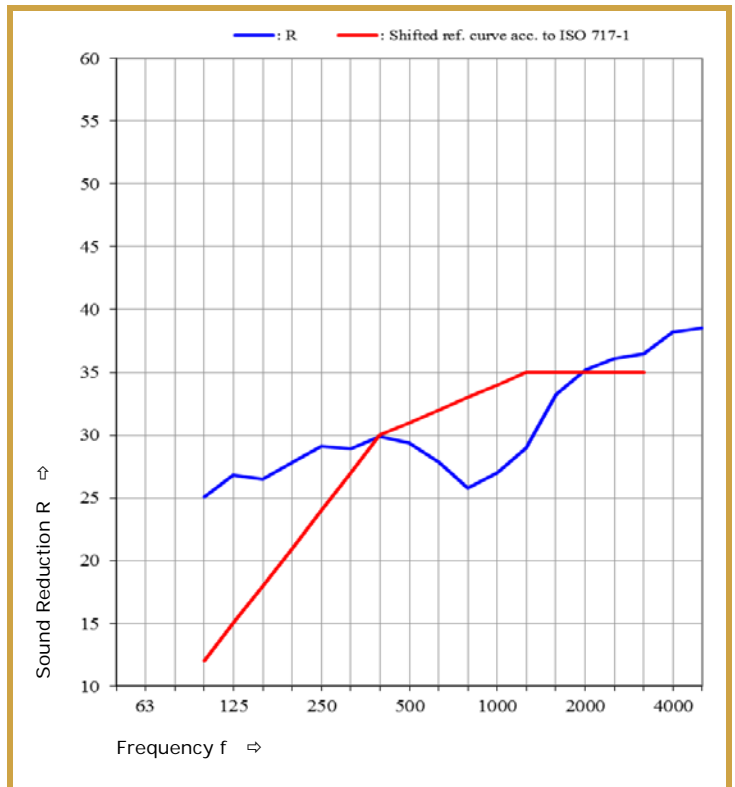
Test Date: 26.07.12

Test Report Number: 745-764

Test Specimen Area: 2.32m²

Test Data:

Frequency (Hz)	R (dB) screen	R (dB) door
100	~	25.1
125	~	26.8
160	~	26.5
200	~	27.8
250	~	29.1
315	~	28.9
400	~	29.9
500	~	29.4
630	~	27.8
800	~	25.8
1000	~	27.0
1250	~	29.0
1600	~	33.2
2000	~	35.2
2500	~	36.1
3150	~	36.5



Third Octave Band

Weighted Sound Reduction Index	R_w (C;Ctr) 31 (-1;-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.