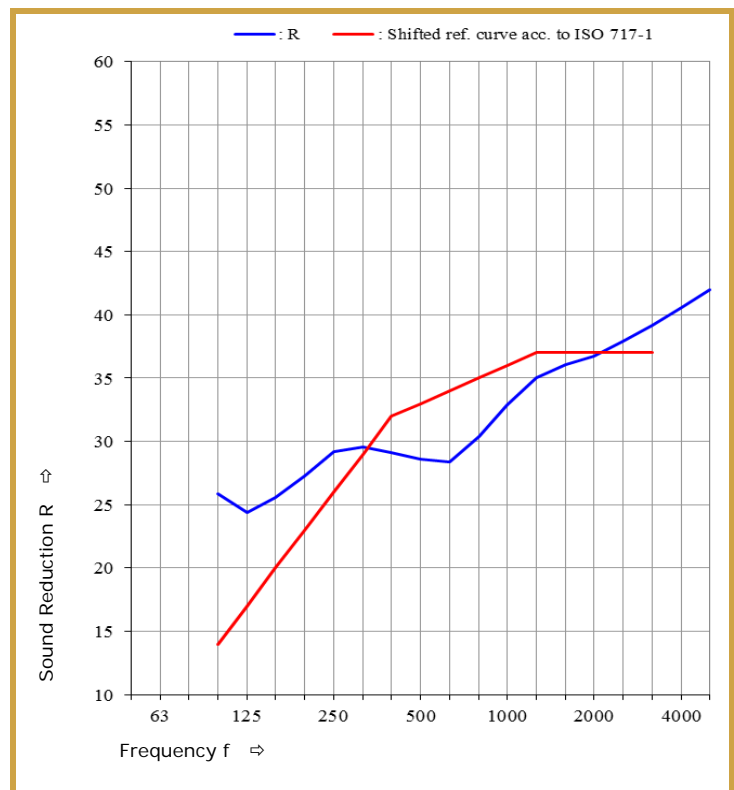


DATE: 28.01.14

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 Lorient blade seals on side and top edges and drop seal at base.*Test Date:* 03.04.06*Test Report Number:* L/3010/7*Test Specimen Area:* 2.64m²*Test Data:*

Frequency (Hz)	R (dB) screen	R (dB) door
100	~	25.9
125	~	24.4
160	~	25.6
200	~	27.3
250	~	29.2
315	~	29.6
400	~	29.1
500	~	28.6
630	~	28.4
800	~	30.4
1000	~	32.9
1250	~	35.0
1600	~	36.1
2000	~	36.7
2500	~	37.9
3150	~	39.2



Third Octave Band

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

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.