

DATE: 21.06.16

Performance Criteria: **Sound Insulation**

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

System: Door Sets

Configuration: **12mm Frameless Toughened Glass Door in Microflush Frame**

Description: Single Glazed frameless Door in 12mm toughened glass hung on lift-off butt hinges and installed in Microflush door frame with double batwing seals to top and side edges and face-mounted KG-S drop seal at base. Base seal acting on NOR625 aluminium threshold plate.

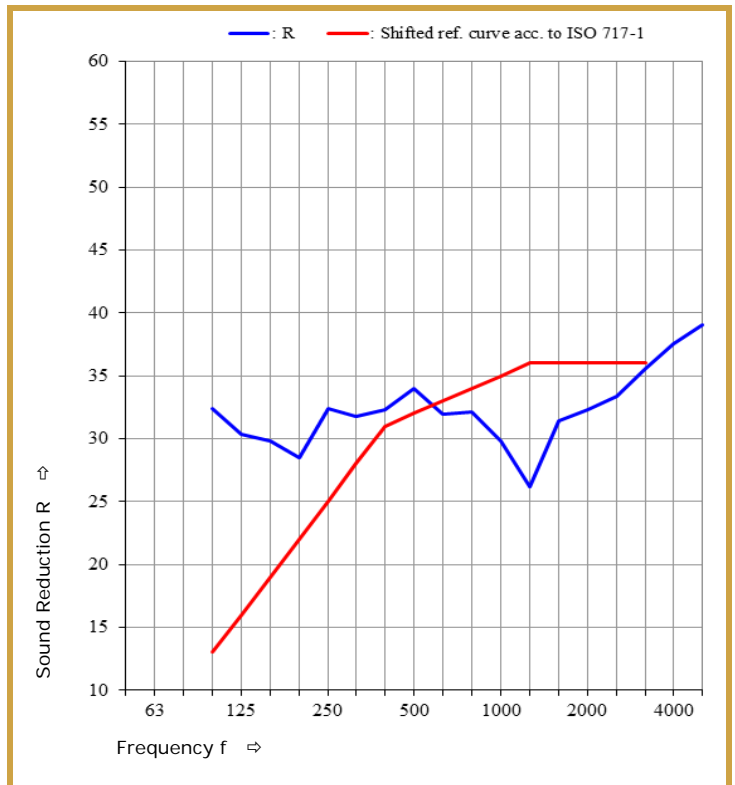
Test Date: 21.06.16

Test Report Number: F16106/01/P004

Test Specimen Area: 2.40m²

Test Data:

Frequency (Hz)	R (dB) screen	R (dB) door
100	~	32.4
125	~	30.3
160	~	29.8
200	~	28.5
250	~	32.4
315	~	31.8
400	~	32.3
500	~	34.0
630	~	31.9
800	~	32.1
1000	~	29.8
1250	~	26.2
1600	~	31.4
2000	~	32.3
2500	~	33.4
3150	~	35.6



Third Octave Band

Weighted Sound Reduction Index	R_w (C;Ctr) 32 (-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.