

DATE: 26.01.16

Performance Criteria: **Sound Insulation**

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

System: Door Sets

Configuration: **12.8mm ASIA Affinity - Single Glazed Door in Microflush Frame**

Description: ASIA Affinity single glazed with 12.8mm acoustic laminated glass and installed in Microflush door frame with Optima 1108 double batwing seals and 2-blade 2599 reveal seal to top and side edges and drop seal & 2-blade 2599 seal at base acting on NOR620 aluminium threshold plate.

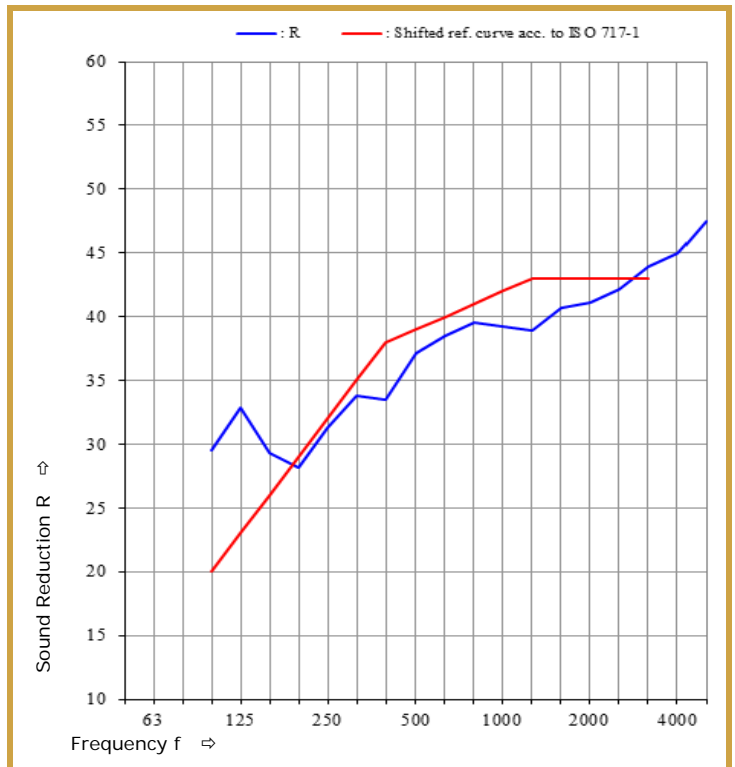
Test Date: 26.01.16

Test Report Number: F15443/02/P010

Test Specimen Area: 2.40m²

Test Data:

Frequency (Hz)	R (dB) screen	R (dB) door
100	~	29.5
125	~	32.9
160	~	29.3
200	~	28.2
250	~	31.3
315	~	33.8
400	~	33.5
500	~	37.1
630	~	38.5
800	~	39.5
1000	~	39.2
1250	~	38.9
1600	~	40.7
2000	~	41.1
2500	~	42.2
3150	~	43.9



Third Octave Band

Weighted Sound Reduction Index	R_w (C;Ctr)	39	(-0;-3)	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.