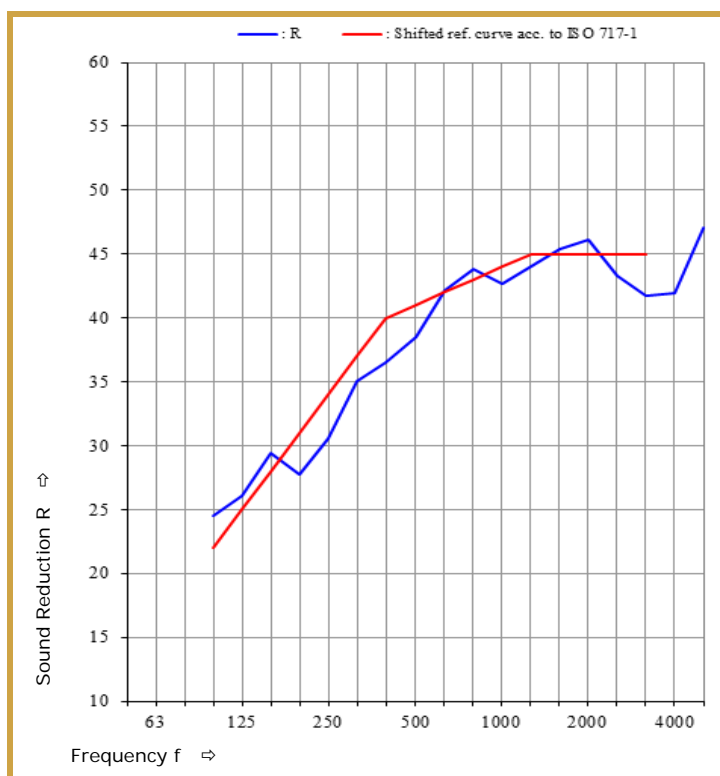


DATE: 26.01.16

Performance Criteria: **Sound Insulation***Applicable Standards:* BS EN ISO 10140-2: 2010; ISO 717-1:1996*System:* Door Sets*Configuration:* **6mm Tx + 8.8mm ALam ASIA Affinity - Double Glazed Door in Microflush Frame***Description:* ASIA Affinity single glazed with 6mm toughened glass on the inside and 8.8mm acoustic laminated glass on the outside 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/P006*Test Specimen Area:* 2.40m²*Test Data:*

Frequency (Hz)	R (dB) screen	R (dB) door
100	~	24.5
125	~	26.1
160	~	29.4
200	~	27.7
250	~	30.6
315	~	35.1
400	~	36.5
500	~	38.5
630	~	42.2
800	~	43.8
1000	~	42.7
1250	~	44.0
1600	~	45.4
2000	~	46.1
2500	~	43.3
3150	~	41.7



Third Octave Band

Weighted Sound Reduction Index**R_w (C; C_{tr}) 41 (-0; -4) 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.