

DATE: 13.03.16

Performance Criteria: Sound Insulation

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

System: Door Sets

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

Description: Flush Series Door – EDGE Affinity single glazed with 12.8mm acoustic laminated glass and installed in Microflush door frame with double batwing seals and 2-blade reveal seal to top and side edges and drop seal & 2-blade seal at base acting on NOR620 aluminium threshold seal.

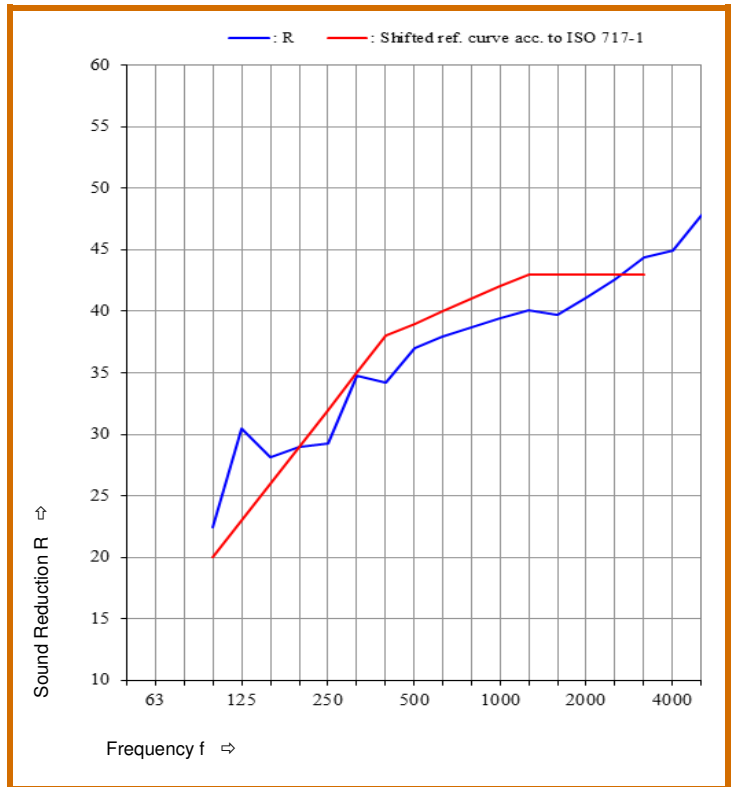
Test Date: 27.01.16

Test Report Number: F15443/04/P014

Test Specimen Area: 2.4m²

Test Data:

Frequency (Hz)	R (dB) screen	R (dB) door
100	~	22.4
125	~	30.5
160	~	28.1
200	~	29.0
250	~	29.3
315	~	34.8
400	~	34.2
500	~	37.0
630	~	37.9
800	~	38.7
1000	~	39.4
1250	~	40.1
1600	~	39.7
2000	~	41.1
2500	~	42.6
3150	~	44.4



Third Octave Band

Weighted Sound Reduction Index	R_w (C;Ctr) 39 (-0;-4) 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.