

DATE: 13.03.16

Performance Criteria: Sound Insulation

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

System: Door Sets

Configuration: 6+8mm EDGE Symmetry - Double Glazed Door in Microflush Frame

Description: Flush Series Door – EDGE Symmetry double glazed with 6mm toughened glass on the inside face and 8mm toughened glass on the outside face 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.

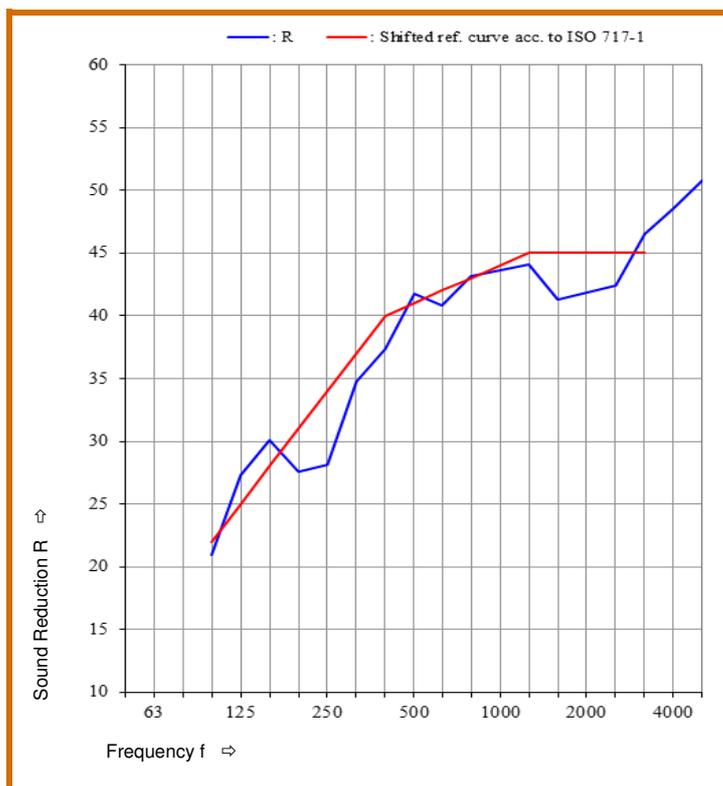
Test Date: 27.01.16

Test Report Number: F15443/03/P018

Test Specimen Area: 2.40m²

Test Data:

Frequency (Hz)	R (dB) screen	R (dB) door
100	~	20.9
125	~	27.3
160	~	30.1
200	~	27.6
250	~	28.1
315	~	34.8
400	~	37.4
500	~	41.8
630	~	40.8
800	~	43.2
1000	~	43.6
1250	~	44.1
1600	~	41.3
2000	~	41.9
2500	~	42.4
3150	~	46.5



Third Octave Band

Weighted Sound Reduction Index	R_w (C;Ctr) 41 (-1;-5) 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.