

DATE: 13.03.16

**Performance Criteria:** Sound Insulation

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

**System:** Door Sets

**Configuration:** 12mm EDGE Symmetry - Single Glazed Door in Microflush Frame

**Description:** Flush Series Door – EDGE Symmetry single glazed with 12mm toughened 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.

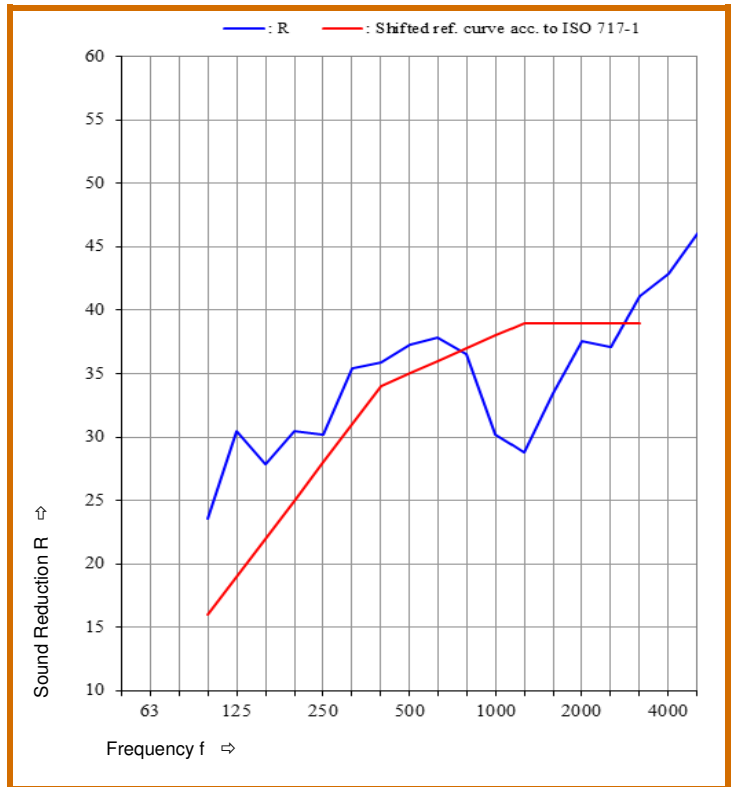
**Test Date:** 27.01.16

**Test Report Number:** F15443/03/P012

**Test Specimen Area:** 2.40m<sup>2</sup>

**Test Data:**

Frequency (Hz)	R (dB) screen	R (dB) door
100	~	23.6
125	~	30.5
160	~	27.9
200	~	30.5
250	~	30.2
315	~	35.4
400	~	35.9
500	~	37.3
630	~	37.8
800	~	36.5
1000	~	30.2
1250	~	28.8
1600	~	33.5
2000	~	37.6
2500	~	37.1
3150	~	41.1



Third Octave Band

<b>Weighted Sound Reduction Index</b>	<b>R<sub>w</sub> (C;Ctr) 35 (-1;-3) dB</b>
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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.