

DATE: 16.02.15

**Performance Criteria:** Sound Insulation

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

**System:** Door Sets

**Configuration:** 12mm EDGE Symmetry Door - Rebated Double Leaf in Microflush Frame

**Description:** EDGE Symmetry single glazed door in rebated double leaf configuration with 12mm toughened glass and installed in Microflush door frame with double batwing seals and 3-blade reveal seal to top and side edges and drop seal & 3-blade seal at base acting on NOR620 aluminium threshold seal.

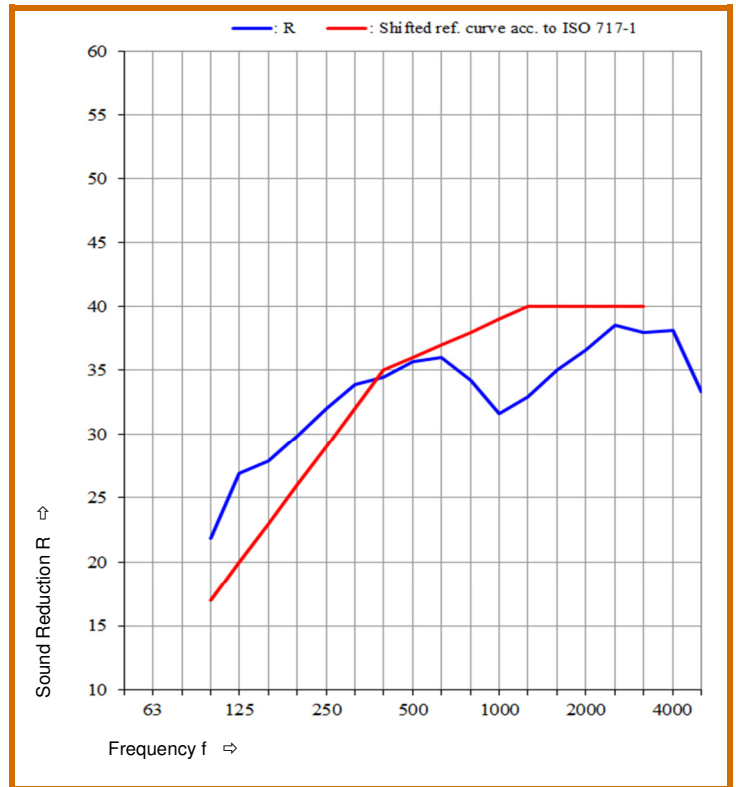
**Test Date:** 16.02.15

**Test Report Number:** F15030/01/P001

**Test Specimen Area:** 3.20m<sup>2</sup>

**Test Data:**

Frequency (Hz)	R (dB) screen	R (dB) door
100	~	21.9
125	~	26.9
160	~	27.9
200	~	29.8
250	~	32.0
315	~	33.9
400	~	34.5
500	~	35.7
630	~	36.0
800	~	34.2
1000	~	31.6
1250	~	32.9
1600	~	35.0
2000	~	36.6
2500	~	38.5
3150	~	38.0



Third Octave Band

<b>Weighted Sound Reduction Index</b>	<b>R<sub>w</sub> (C;Ctr) 36 (-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.