

**Environ Technologies Ltd**

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## environ**lite** ELV1.1.25AC Acoustic Performance Data (March 2010)

### Noise Measurement Information:

Test: Environ Lite Acoustic Enclosure — W 1700mm x D 1000mm x H 1550mm

### Test Standard:

BS EN ISO 140-3 Acoustics - Measurement of Sound Insulation in Buildings and of Building Elements - Part 1: Airborne Sound Insulation

### Sound Level Measuring Equipment:

Norsonic 830 RTA Precision Sound Analyser Type 1  
 CEL 284/2 Acoustic Calibrator Type 1  
 JBL Loudspeaker driven by CEL Loudspeaker driven by 830 White Noise Source

### Transmission Loss Data:

| Transmission Loss — Environ ELV1.1.25AC Acoustic Enclosure       |     |     |     |    |    |    |    |
|--|-----|-----|-----|----|----|----|----|
| Octave Frequency in Hertz (dB ref 2 x 10 <sup>-5</sup> Pascal's) |     |     |     |    |    |    |    |
| 63   | 125 | 250 | 500 | 1K | 2K | 4K | 8K |
| 14   | 16  | 23  | 30  | 37 | 39 | 38 | 39 |
| <u>Summary</u>   |     |     |     |    |    |    |    |
| Transmission Loss Equates to an Overall Reduction of 26 dB(A)    |     |     |     |    |    |    |    |

### Support Information:

Monitoring was carried out using the BS3740 technique, insofar as measurements were taken in each quadrant and the results averaged. Internal Test Room: W 6m x D 16m x H 5m. Background noise in the semi-reverberant test room was such as not to interfere with the practical measurements