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FOR: Radial Engineering Ltd.

ON: Primacoustic FullTrap

Page 1 of 1

CONDUCTED: 11 March 2008

SUBJECT: Additional Frequency Data for Absorption Testing

As requested by the client, sound absorption values were calculated at additional test frequencies. Although the measurements were made in accordance with the procedures described in ASTM C423-07a, they do not qualify as part of the standard. Since the results are representative of the test environment only, they are unofficial and intended for research and development guidelines rather than for commercial purposes. The sound absorption values at additional frequencies were as follows:

RAL-A08-033

| <u>1/3 Octave Center Frequency</u> <u>(Hz)</u> | <u>Absorption</u> <u>Coefficient</u> | <u>Total Absorption</u> <u>(Sabins)</u> |
|---|---|--|
| 40 | 0.37 | 23.54 |
| 50 | 0.39 | 25.14 |
| 63 | 0.59 | 37.94 |
| 80 | 0.80 | 50.95 |
| 6300 | 0.91 | 58.28 |
| 8000 | 0.84 | 53.92 |
| 10000 | 0.72 | 46.29 |

Submitted by 

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