

Acoustek

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Opus V Blades

Designed to use 12mm acoustic material but using the 'monocoque principal' of shaping the substrate to increase surface area and shape, this will in turn increase the products NRC rating. Each 'V' module is 400mm width and fits into the 2400 x 2400 standard Opus suspension design. Alternative size and colour choices are available with suspension of Acoustek lighting between blades a great option.

All Acoustek lighting is available either hard or soft wired and complies with international standards.



Performance example

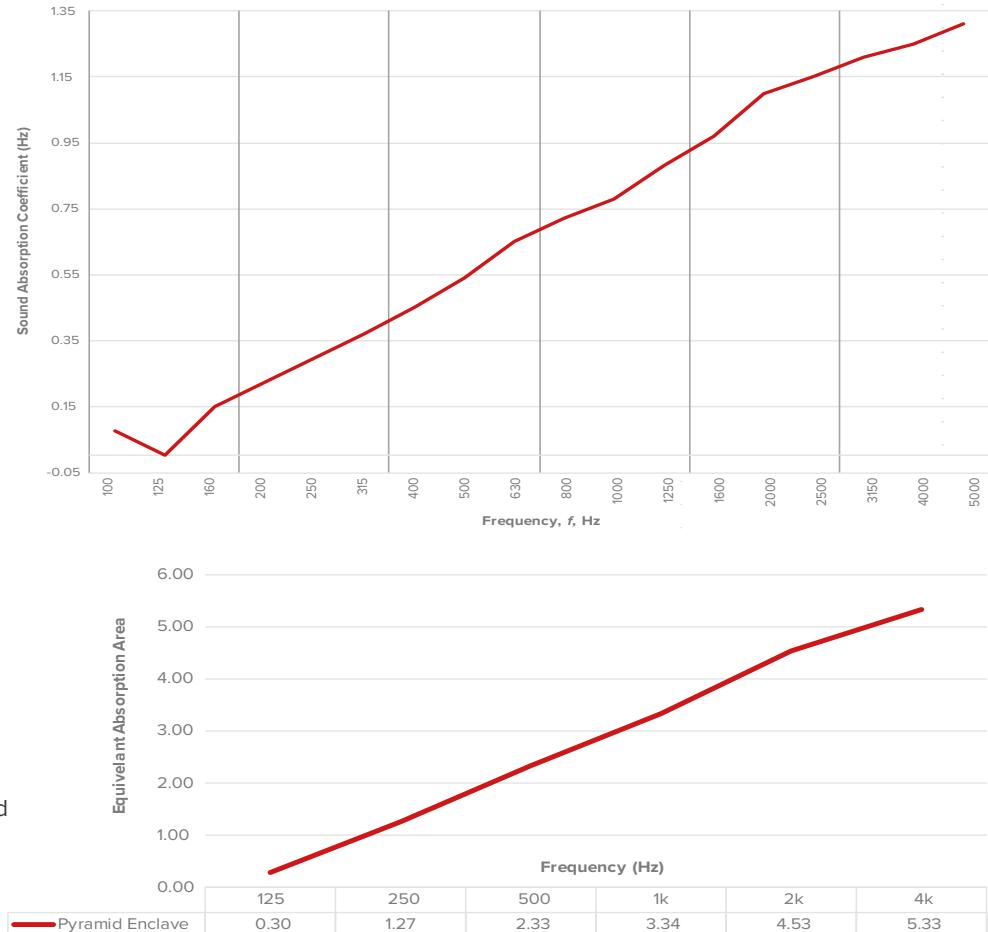
A typical boardroom measuring 4.2m x 4.8m x 2.7m with carpet flooring and plasterboard/ ceiling & wall surfaces plus Glazing.

- Occupied room reverberation time will be 1.1 seconds
- Target reverberation 0.6 to 0.8 seconds (as per AS2107:2016)

An addition of 3 - 7 Sabines at each middle frequencies (500Hz-1000Hz) will result in a new reverberation time within the target range of 0.6 -0.8.

| Frequency (Hz) | SAC | Oct |
|----------------|-----------|------|
| 100 | 0.07 | |
| 125 | 0.00 | 0.07 |
| 160 | 0.15 | |
| 200 | 0.22 | |
| 250 | 0.30 | 0.30 |
| 315 | 0.37 | |
| 400 | 0.45 | |
| 500 | 0.54 | 0.55 |
| 630 | 0.65 | |
| 800 | 0.72 | |
| 1000 | 0.78 | 0.79 |
| 1250 | 0.88 | |
| 1600 | 0.97 | |
| 2000 | 1.10 | 1.07 |
| 2500 | 1.15 | |
| 3150 | 1.21 | |
| 4000 | 1.25 | 1.26 |
| 5000 | 1.31 | |
| NRC | NRC 0.70 | |
| Alpha | 0.55 (MH) | |
| SAC | D | |

Predicted results are expressed as metric Sabin, the unit of sound absorption of a material. Sabins are used to express freestanding acoustic materials. If a material is 1m² in size and is 100% absorptive, then it has a metric Sabin of 1.



OPUS V BLADES: STANDARD

Modular 400mm width by your chosen length, allows retrofitting of V Blades around existing light fittings or obstacles creating ambience and colour to any location, add more Blades or colour as needed.



OPUS V BLADES: FREQUENCY

Frequency's offset legs fit within same 400mm module, allowing further option to create a 'saw tooth' effect for a more bespoke shape, add colour for even further individuality.

