



Acoustek

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Vortex Acoustic Shades

Unique to Acoustek, this designer pendant offers 3 x assembly options to create your own preferred ceiling statement and/or suspended feature dependant upon your preference.

A very individual design that allows choice of both shape and colour whilst contributing to the absorption of reverberate noise.

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

Performance example

A typical boardroom measuring 4.2mx4.8mx2.7m with carpet flooring and plasterboard/glazed ceiling and wall surfaces.

- The room reverberation time in an occupied state will be 1.1 seconds
- The target reverberation time is 0.6 - 0.8 seconds (as per AS2107:2016)

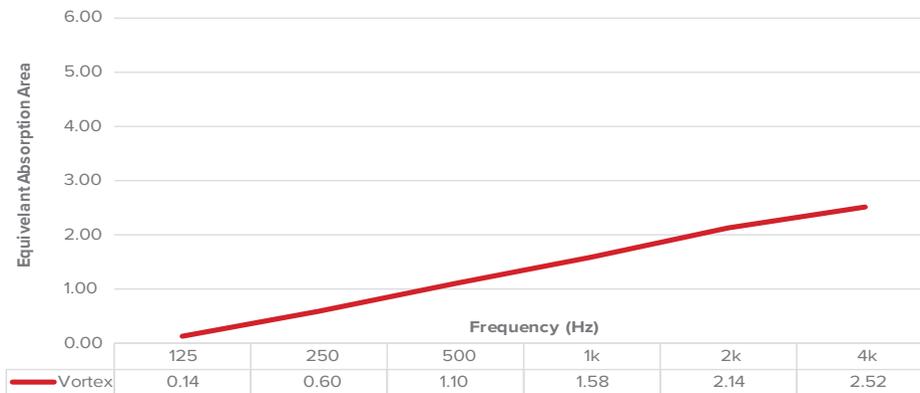
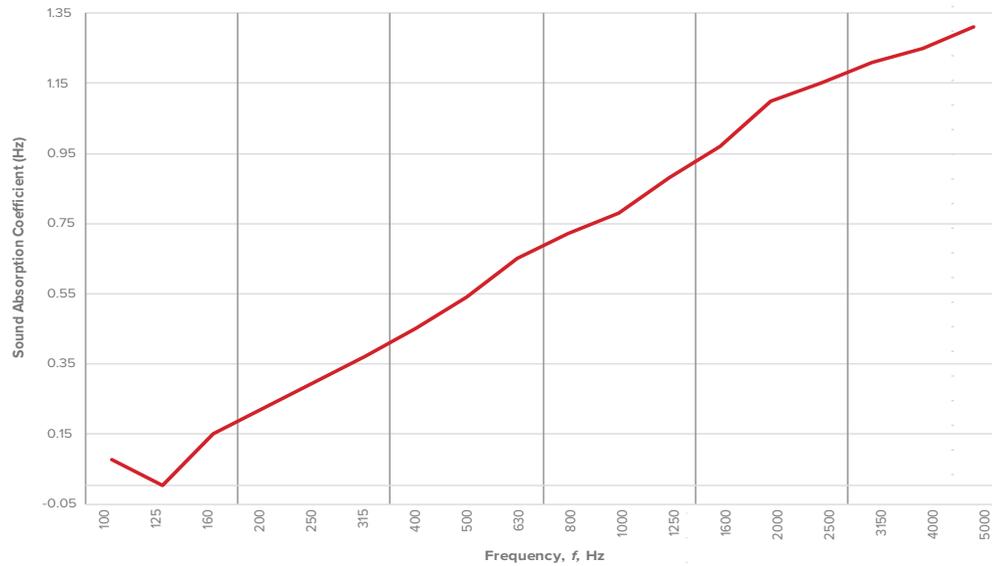
An addition of 3-7 Sabins at each of the middle frequencies (500Hz-1000Hz) will result in a **new reverberation time within the target range of 0.6 -0.8**

Designed as blades that allow artistic flair, Vortex will need a cluster of 4 staggered units to achieve this target.

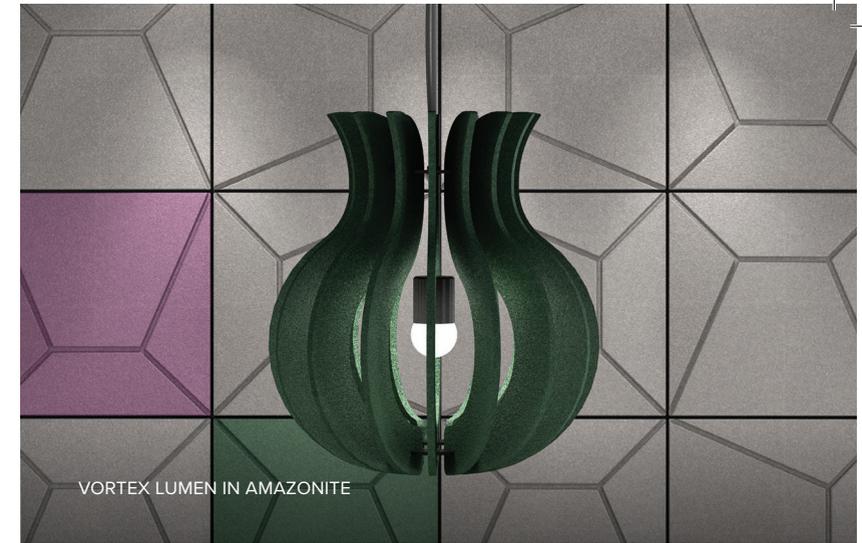
Dimensions

Lumen: H 450 x W 480mm Lantern: H 520 x W 480mm Luftballon: H 450 x W 480mm

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.



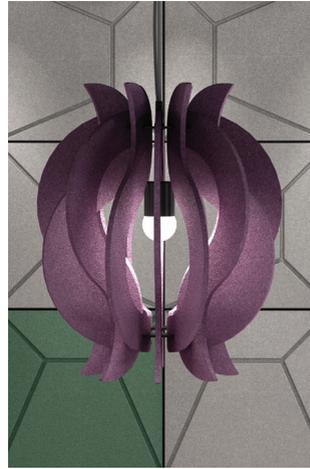
Vortex Shades - Decorative Finishes

Vortex Lumen, Lantern and Luftballon, available in all finishes

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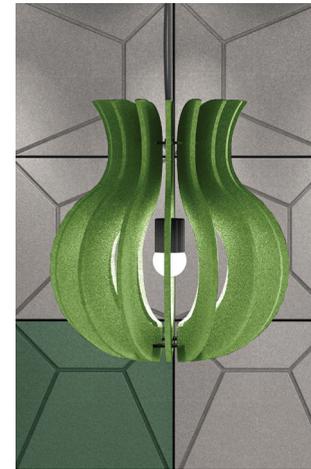
AMAZONITE



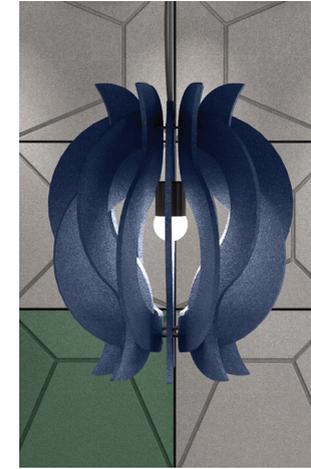
AUBERGINE



RUBY



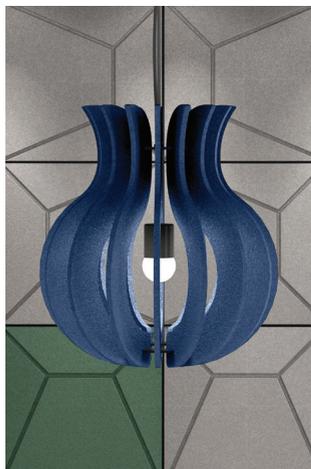
APPLE



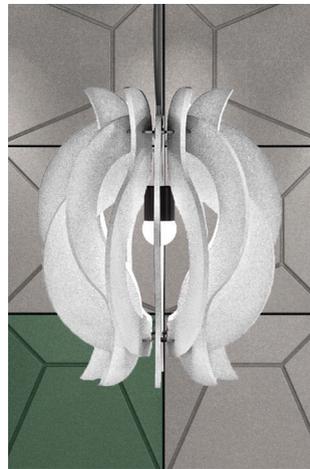
AGATE



LAPIS



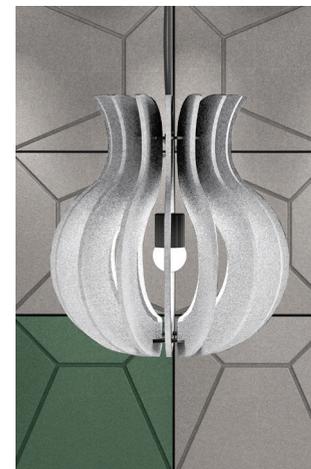
MARINE



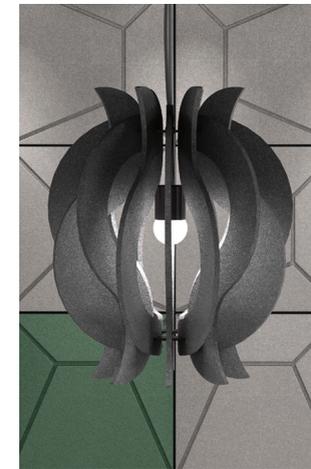
AQUA



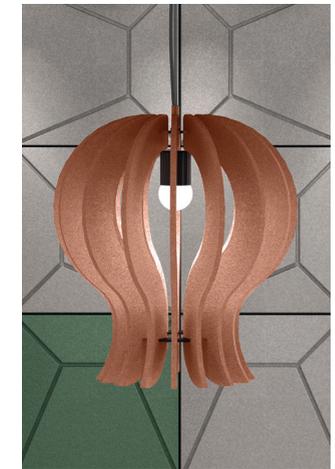
FLANNEL



SCHIST



CHARCOAL



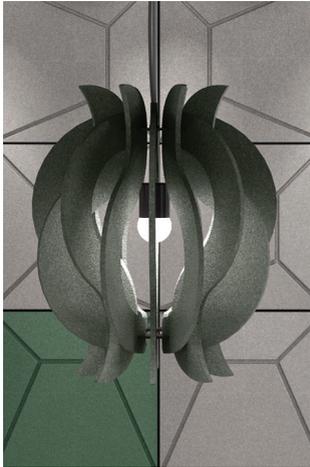
PUMICE

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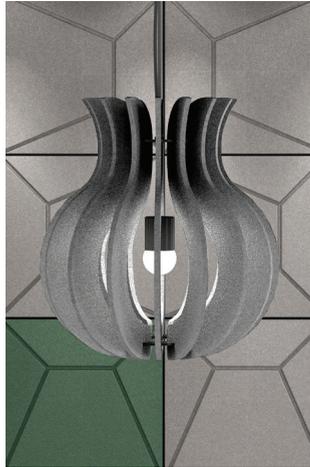
SLATE



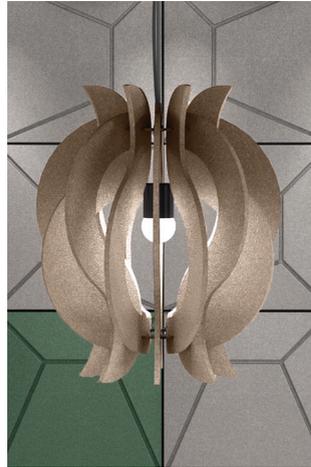
WHETSTONE



EBONY



GRANITE



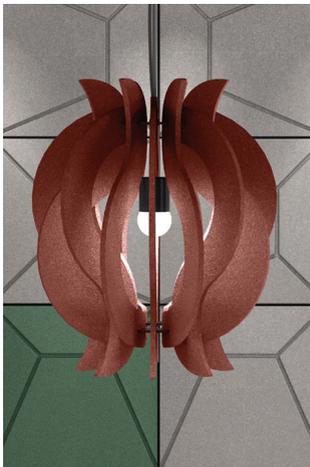
PEBBLE



BISCUIT



DULSE



MULBERRY



MOSS