



UK Government

Foreign and Commonwealth Office, London



Primary objectives

- Reduce reverberation
- Comfort

Product used

- Vibe fabric acoustic wall art (using Kvadrat Divina fabric)

Scope of work

- Art panels installed at various strategic locations throughout the building

The FCO required a solution that would improve acoustics and reduce reverberation throughout the building, maintaining an aesthetically pleasing look in keeping with the refitted space.

Project solution

Architects Jordan & Bateman approached Acoustic Comfort and after consultation it was decided that Vibe fabric wall art offered the perfect solution. Vibe acoustic wall art panels provided reverberation control and could be covered in a patterned fabric which meant they would fit in with the room decor. They could also be made to any size, making them suitable for use in any part of the building.



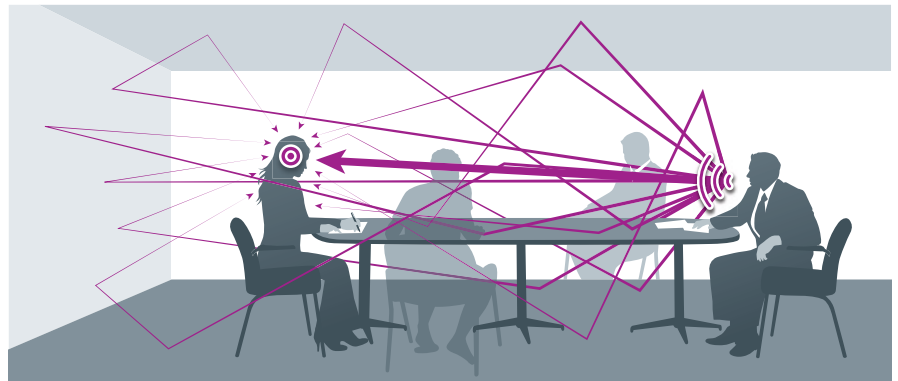
How Vibe acoustic wall art panels work

The problem

Poor speech clarity caused by reverberation – sound energy reflected back into the space it originated from.

A small amount of energy is absorbed, but the decay of sound pressure in the space is slow. This leaves the listener struggling to understand what is being said.

Without Vibe acoustic wall art panels



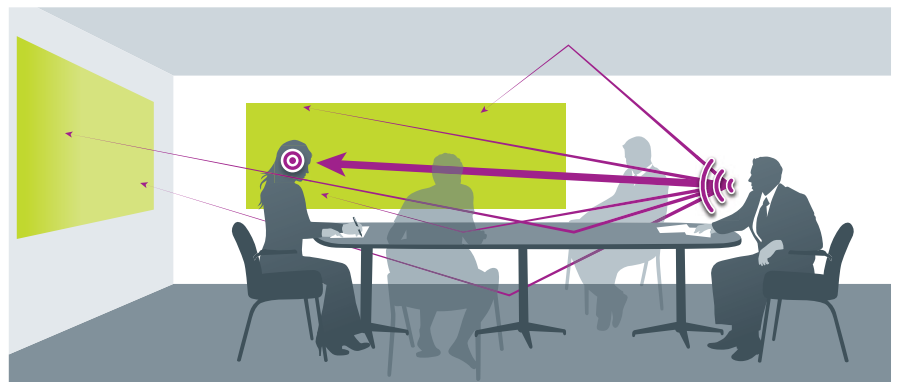
Receiver

Speaker

The solution

Adding sound absorbing wall art panels reduces reverberation time by increasing the decay of sound pressure. Only a small amount of energy is reflected back into the space it originated from, improving the acoustical quality of the space and giving good speech clarity with no discernible reverberant distraction.

With Vibe acoustic wall art panels



Receiver

Speaker

← Intended path of directed speech

← Path of reflected speech

Construction

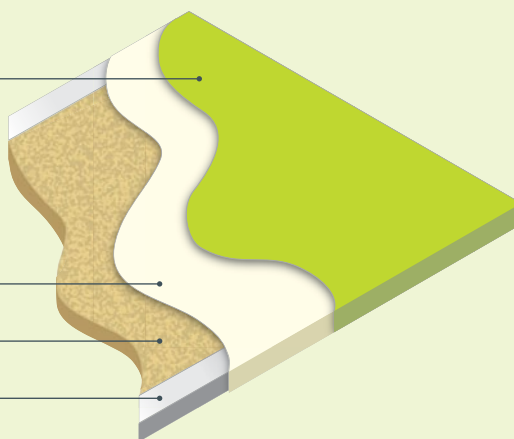
Finishing outer fabric layer

Vibe fabric wall art is finished with your choice of plain coloured or patterned fabric. Vibe printed wall art can be pre-printed with your choice of image.

Inner fabric layer

Absorbent inner core

Frame



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