

## Why have Acoustic treatment?

Previously, a considerable amount of time was spent on the visual aspect of a design with the acoustic value of a space often overlooked. However, we are now seeing businesses considering the acoustic benefits at an early stage.

Acoustic design is the perfect example of an aesthetics-meets-practicality solution where you can improve Noise Reduction Co-efficient (NRC) ratings at the same time as enhancing the style of a space.

The trend of "designing with our ears as well as our eyes" is now becoming the norm, and integration of acoustic treatments is showing greater benefits to businesses. With real estate demanding premium rates, businesses are looking to utilise every square foot to the most optimum advantage, and making an open space environment work for multiple uses. Workplaces have to work, rather than be a place where people work, and having an interior design that is practical as well as aesthetically pleasing is proving to be worth the investment.

Here are some examples of how acoustic treatments and solutions can help specific areas of a business, whether that be in a school, hospital, commercial environment or hospitality area.

"Designing with your ears  
as well as your eyes"

### 1 Acoustic Pinboards

Acoustic pinboards can be used in many collaborative meeting spaces, break-out areas and classrooms where reverberation is an issue. They have the added value of being fully pinnable and self-healing. The material is best described as an acoustic wallpaper, where it comes on a roll and is applied to the wall, as well as being available in many colours.

### 2 Invisible Design with Audible Results

Businesses today may have the need to have many adjoining meeting rooms. Sometimes the partition panelling can be highly reflective surfaces. With audio visual and video conferencing solutions installed in these rooms, reverberation can interfere and have an effect on the speech intelligibility. By installing a stretch fabric acoustic wall treatment where the display is positioned, resulted in a 0.85 NRC, which in real terms means the reverberation time for the space dropped considerably. This is called a Class A Acoustic Treatment.

### 3. Acoustic 3D Tiles

3D tiles perform better with a lower frequency of sound, mainly base. These can work very well in areas where music is played. The 3D tiles in this image perform to 1.0 NRC which is the absorption rate of 100% of sound that hits the surface. The tiles are easily installed and come in a range of different shapes and sizes, which gives the flexibility to create an aesthetically pleasing design, as well as being quick and easy to install.

### 4 Bespoke Acoustic Designs

Bespoke designs can be created by either water-jet cutting a design, or printing directly on to the acoustic product. This allows for a unique feel for your space. Water-jet cutting can reduce the acoustic value marginally, but is perfect for those projects where design meets acoustics.

### 5 Wrapped Acoustic Panels

This product is pre-manufactured. The acoustic panels are cut to size and delivered onsite for installation. There are different options available in colour and thickness, depending on the acoustic and design needs for the space. For example, in areas of high-traffic - lecture theatres and sports halls - this would be a great choice as they are extremely durable and can withstand high impact.

### 6 Suspended Baffles

These baffles are pre-manufactured and whilst they are not necessarily the best acoustic product from the range, they add an architectural touch to a space whilst allowing existing sprinklers, fire alarms and air-con units to still function effectively. The range is available in many shapes and sizes.

### 7 Open Plan Ceilings

We've seen a rise in stripping back suspended ceilings to show the M&E and infrastructure of a building. This often causes acoustic issues due to the amount of hard surfaces. Using demountable acoustic panels can offer high acoustic value as well as aesthetically pleasing designs. In addition, in large open plan areas, it can create divisions of a space without the need of installing walls. Many of the servicable areas such as ducts and electrical junction boxes can be neatly hidden whilst still allowing easy access for servicing.

#### About Vega Europe

At Vega Europe, part of the Vega Global Group, we focus on making your communications easy by ensuring all your audio visual and collaboration solutions are integrated within a seamless strategy. Incorporating Acoustic treatments and furnishings into Vega's portfolio ensures we are able to provide our clients with the best possible audio and visual experience for their working environment.

Vega Europe have rapidly grown over the past 6 years, winning tenders and projects in many sectors which include high profile banks, leading pharmaceutical companies, law practices, retail outlets, and technology businesses throughout Europe and the UK.

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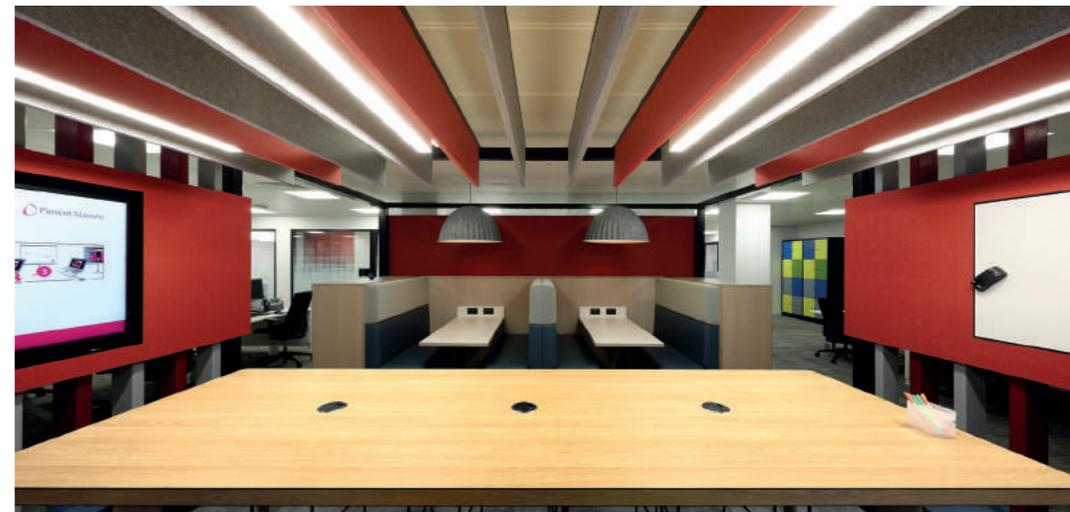


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# Acoustic Trends: Enhancing your Interior Design

By Vega Europe - part of the Vega Global Group



Communications made easy



1 Acoustic pinboards



2 Invisible design with audible results



3 Acoustic 3D tiles



4 Bespoke acoustic designs



5 Wrapped acoustic panels



6 Suspended baffles



7 Open-plan ceilings

