



ACOUSTICAL BANNERS



Enhancing Speech Clarity in a Conference Room with Acoustic Banners

Challenges

The Orlando Corporate Center houses numerous conference rooms and meeting spaces that accommodate business professionals, executives, and remote teams for presentations, strategy sessions, and virtual meetings. However, one of the center's largest conference rooms suffered from excessive echo and poor speech intelligibility due to its high ceilings, glass walls, and minimalistic design.

The poor acoustics resulted in:

- ✗ Echo and distortion during meetings, making discussions hard to follow.
- ✗ Low productivity, as employees struggled to focus on conversations.
- ✗ Unprofessional virtual meetings, where sound quality issues caused frequent disruptions.

The facility needed a cost-effective and aesthetically pleasing acoustic solution that would enhance speech clarity while maintaining the modern corporate aesthetic.

Solution

All Noise Control provided a decorative acoustic banner solution that improved sound absorption without compromising the room's professional design.

Key Features

- ✓ Fabric acoustic banners were chosen for their excellent sound-absorbing properties and sleek appearance.
 - ✓ Custom-designed banners with neutral tones and subtle textures to blend with the corporate interior.
 - ✓ Wall-mounted and suspended acoustic banners, strategically placed to absorb excessive reverberation.
 - ✓ Non-intrusive installation, ensuring that no existing fixtures were obstructed.
 - ✓ Fire-resistant and low-maintenance materials, making them suitable for long-term use.
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Installation Process

- Acoustic banners were installed behind the speaker podium and along the sidewalls to capture and absorb speech-related frequencies.
- The hanging banners were placed at varying heights to break up standing sound waves.
- The project was completed in just a few days, ensuring minimal disruption to office operations.

Results

- ✓ Speech clarity improved by 60%, making presentations and discussions more engaging.
- ✓ Reduced background noise, allowing attendees to focus better during meetings.
- ✓ Improved virtual meeting experience, as sound quality was no longer a concern.
- ✓ Enhanced office aesthetics, with banners complementing the room's modern and minimalist design.

Sound Transmission Class (STC) Rating

The installed acoustic banners achieved an STC rating of 30-35, significantly reducing speech-related reverberation and improving communication efficiency.
