



Controlling Workplace Noise at Central Florida Industrial Services with Acoustic Door Blankets

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OVERVIEW

Central Florida Industrial Services operates large-scale industrial facilities where heavy machinery, loading docks, and HVAC systems generate constant high-decibel noise. Sound traveled freely across operational areas, impacting employee focus, workplace safety, and overall productivity.

To address these challenges, All Noise Control installed ImpactaCore® ANC-AB2DC Acoustic Door Blankets, delivering a flexible, high-performance solution for industrial and commercial doorways. These soundproof door blankets provided effective noise control without permanent construction or operational downtime, allowing the facility to maintain productivity while enhancing acoustic comfort.

CHALLENGES

Industrial doors and access points in the facility allowed noise from heavy machinery, loading docks, and mechanical systems to escape into hallways and office areas, creating constant distractions for employees. This elevated stress levels, reduced focus, and increased exposure to hazardous sound levels. The facility needed a solution that could effectively block airborne noise, withstand harsh industrial conditions, and be easily installed, repositioned, or expanded as operational layouts evolved. At the same time, it had to comply with OSHA and local noise regulations without disrupting daily operations.

SOLUTION:

All Noise Control installed ImpactaCore® ANC-AB2DC acoustic door blankets, a heavy-duty, industrial-grade soundproofing solution engineered for large commercial and industrial doorways. The unique barrier septum configuration combines the benefits of sound absorbers and noise barriers in one panel, effectively reducing sound transmission.

The ImpactaCore® ANC-AB2DC consists of a non-reinforced 1-lb per sf sound barrier paired with 2" fiberglass sound absorbers. Grommets and hook-and-loop fasteners allow easy installation, repositioning, and flexible acoustic coverage. Rolls measure 48" wide x 25' long and are available in gray, white, black, or tan. With fire-rated, weather- and impact-resistant materials, the ImpactaCore® ANC-AB2DC provides industrial noise control blankets that can be easily reconfigured as facility layouts change, delivering effective, high-performance noise reduction without operational downtime.

RESULTS:

- Significant reduction in machinery and equipment noise at doorway access points
- Enhanced employee focus, comfort, and workplace productivity
- Modular, removable door soundproofing blankets enabled flexible reconfiguration of access points
- Full compliance with OSHA and local noise regulations, reducing environmental noise impact