



Soundproofing Success at Miami Recording Studio with Acoustic Door Blankets

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OVERVIEW

Miami Recording Studio is a professional audio production facility with multiple recording rooms, vocal booths, and control rooms operating simultaneously. From music tracking and voiceovers to mixing and mastering, the studio relies on clean, isolated sound in every space. Even small amounts of noise leaking through doors created unwanted background hiss, echo, and sound bleed, affecting recording quality and client confidence.

To solve this, All Noise Control installed ImpactaCore® ANC-AB2DC Acoustic Door Blankets, providing high-performance, flexible noise control at key doorways without requiring permanent construction or interrupting daily studio sessions.

CHALLENGES

Miami Recording Studio needed a high-performance soundproof door blanket that could function as both a sound blocking door blanket and a sound absorption blanket, stopping airborne and reflected noise while maintaining room-to-room privacy. At the same time, the solution had to be removable and modular, allowing the acoustic door blankets to adapt to changing studio layouts without downtime or permanent modifications.

SOLUTION:

All Noise Control deployed ImpactaCore® ANC-AB2DC Acoustic Door Blankets engineered for professional audio and commercial environments. Featuring a barrier septum construction, each blanket integrates a 1-lb per sq ft sound barrier with 2" fiberglass absorptive layers to deliver effective sound blocking and absorption. Grommets and hook-and-loop fasteners support modular mounting, with standard 48" × 25' rolls available in gray, white, black, or tan. Fire-rated (Class A), moisture- and impact-resistant, and rated at NRC 0.85 and STC 29, these heavy-duty blankets provide durable, portable noise control.

Their removable, modular configuration enabled rapid doorway coverage, significantly reducing sound transmission, controlling echo, and enhancing acoustic privacy. The adaptable system allows studio spaces to be reconfigured as needed without interruption, maintaining consistent recording performance.

RESULTS:

- Noticeable reduction in sound bleed between recording rooms
- Cleaner, clearer audio recordings
- Enhanced client privacy and studio professionalism
- Flexible, removable industrial noise control blankets for future layout changes