



CLEANROOM WALL PANELS

How Pfizer Improves Pharmaceutical Cleanroom Acoustics with VibraCore® Acoustic Wall Panels

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Pharmaceutical facilities such as those operated by Pfizer rely on sterile cleanroom environments to manufacture vaccines, injectable medications, and other critical pharmaceutical products. These facilities contain advanced ventilation systems, laboratory equipment, and sterile processing machinery that operate continuously to maintain production and contamination control standards. While essential for pharmaceutical manufacturing, these systems can generate significant background noise inside the cleanroom environment.

Because pharmaceutical cleanrooms are designed with smooth, sanitary surfaces for hygiene and regulatory compliance, sound reflections can easily spread throughout the space. Hard surfaces such as stainless steel equipment, sealed walls, and epoxy floors can amplify reverberation, making communication between technicians more difficult during production operations.

Installing VibraCore® Acoustic Cleanroom Wall Panel Systems provides an effective cleanroom acoustic solution for pharmaceutical environments. These panels feature a 6–7 PCF fiberglass core and a PVF cleanroom surface, allowing them to absorb sound energy while maintaining hygienic surfaces suitable for sterile environments.

With NRC 0.85 sound absorption performance, VibraCore® panels help reduce reverberation generated by mechanical systems and laboratory equipment. This improves communication clarity and supports a more comfortable and efficient working environment within pharmaceutical cleanrooms.