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3B RETROFIT SYSTEMS

The 3B Retrofit System offers a smart, cost-effective solution for upgrading existing substations and data centers with a comprehensive range of security products including line-of-sight walls, CMU 3B wall panels, ballistic wall panels, security walls, ballistic doors and gates, and ballistic firewalls. These materials enhance security by providing ballistic protection (up to UL Level 10, including defense against .50 caliber armor-piercing rounds), blast resistance, forced entry protection for up to 90 minutes, fire resistance up to 6 hours, structural integrity, and thermal insulation.

The system is designed for easy installation and maintenance, making upgrades efficient and minimizing downtime. Whether protecting targeted vulnerable areas or installing a full perimeter solution, 3B offers cost-effective options to fit various budgets. With most products readily available in stock, our team can meet strict project timelines to ensure timely delivery and completion. Backed by rigorous 3B RLS testing and advanced testing protocols, the retrofit system guarantees long-term performance, safety, and compliance, resulting in a more secure, reliable, and efficient facility.





KEY FEATURES:

- **Ballistic Resistance:** The 3B Retrofit System offers protection from UL 752 Levels 1 through 8, effectively stopping handguns and high-velocity rifle rounds. Designed to meet stringent industry standards, the panel ensures reliable defense against a wide range of ballistic threats, making it suitable for environments requiring solid, practical protection.
- **Blast Resistance:** Engineered to mitigate the effects of explosive forces, the 3B Retrofit System absorbs and disperses blast energy, reducing structural damage and enhancing the safety of personnel. This makes it an excellent choice for utilities, commercial properties, and public spaces exposed to potential blast risks.
- **Forced Entry Protection:** Built to resist forced entry attempts, the Retrofit System provides an extra layer of security for facilities vulnerable to intrusion. Its reinforced construction ensures that the panel can withstand aggressive break-in methods, making it a robust barrier against unauthorized access.
- **Fire Resistance:** In addition to ballistic and blast protection, the 3B Retrofit System is designed to offer fire resistance for up to 6 hours, helping to prevent the spread of fire while maintaining its protective integrity. This feature makes it a versatile option for environments with both fire and security concerns.

BENEFITS:

- **Minimal Disruption to Operations:** One of the key considerations in retrofitting substations and data centers is minimizing disruption to ongoing operations. 3B materials support phased installation—allowing upgrades to occur while facilities remain operational—and enable quick turnaround through rapid installation, reducing the overall project timeline.
- **Versatility and Strength with CMU 3B Wall Panels:** CMU 3B wall panels are an ideal choice for retrofitting and upgrading substations and data centers due to their versatility, strength, and cost-effectiveness. Designed to reinforce existing structures, they enhance structural integrity against environmental factors like wind, rain, and seismic activity, provide superior thermal insulation for improved energy efficiency, and feature a modular design that allows for flexible, scalable installation. Additionally, they integrate seamlessly with existing structures, requiring no significant adaptations during installation.
- **Cost-Efficiency of 3B Materials:** Using 3B Protection's materials for retrofitting and upgrading substations and data centers is highly cost-effective. The financial benefits include reduced labor costs due to the ease of installation for CMU 3B wall panels and ballistic wall panels, which shortens project timelines and lowers overall expenses. These materials are also designed for durability and require minimal maintenance, resulting in long-term savings on upkeep and repairs. Additionally, their high-quality construction ensures that retrofitted and upgraded facilities remain reliable and functional for many years, reducing the need for frequent upgrades.

APPLICATIONS:

- Utility Infrastructure
- Data Centers
- Government Facilities
- Military Installations
- Energy Infrastructure