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3B MAX PANEL

The 3B Max Panel represents the pinnacle of security technology in the 3B Protection product line, offering unparalleled ballistic and blast protection for critical infrastructure, government facilities, military installations, and high-risk commercial environments. Designed to withstand the most extreme threats, 3B Max Panels combine advanced materials and engineering to deliver unmatched performance against ballistic impacts, explosive blasts, and forced entry attempts.

Given the 3B Max Panel's ability to defend against multiple threats simultaneously, including ballistic impacts, explosive blasts, forced entry, fires, and severe weather, its uniqueness lies in stopping all of them with a single panel, simplifying security upgrades and minimizing the need for separate systems. Built from lightweight yet durable composite materials, the 3B Max Panel installs quickly and cost-effectively, delivering long-term performance with minimal maintenance across diverse environments.





KEY FEATURES:

- **Ballistic Resistance:** 3B Max Panels are designed to provide maximum ballistic protection, tested to meet and exceed UL 752 standards up to Level 10, including resistance to .50 caliber API (Armor-Piercing Incendiary) rounds. These panels are capable of stopping multiple high-velocity projectiles, ensuring that personnel and assets remain secure in the face of severe ballistic threats.
- **Blast Resistance:** Engineered for blast events, the 3B Max Panel absorbs and mitigates the impact of explosive forces, protecting structures and reducing the risk of catastrophic damage. These panels are ideal for facilities at risk of explosive attacks or in high-threat environments, such as power plants, LNG facilities, and military bases.
- **Forced Entry Resistance:** With reinforced construction, the 3B Max Panel is built to resist forced entry attempts, providing a critical line of defense against unauthorized access. These panels are designed to withstand a variety of tools and methods used in break-in attempts, ensuring that your facility remains secure during even the most aggressive attacks.
- **High-Speed Fragmentation Protection:** The 3B Max Panel offers superior protection against high-speed fragmentation, ensuring that shrapnel from explosive devices cannot penetrate or compromise critical infrastructure. This level of protection is vital in military and industrial environments where fragmentation is a significant threat.
- **Fire Resistance:** Designed with fire protection in mind, the 3B Max Panel offers up to 6 hours of fire resistance. This ensures that, even during fire events, the structural integrity of the panel is maintained, protecting against fire spread while still offering ballistic and blast protection.

APPLICATIONS:

- Critical Infrastructure
- Military Installations
- Data Centers
- Industrial Facilities
- Detention Center and Border Security

TECHNICAL SPECIFICATIONS:

- **Materials:** High-strength composite materials, steel reinforcements, and proprietary infill technology.
- **Ballistic Rating:** UL 752 Levels 1-10.
- **Fire Resistance Rating:** Up to 6 hours.
- **Blast Rating:** Custom-engineered to handle explosive forces.
- **Installation:** Suitable for both new constructions and retrofit applications.

