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## 3B XL PANEL

### EXTREME BALLISTIC, BLAST, AND FORCED ENTRY PROTECTION

The **3B XL Panel** is a premium security solution designed for the most demanding environments, offering superior protection against extreme ballistic impacts, explosive blasts, and forced entry threats. Developed to provide top-tier security for critical infrastructure, military facilities, government buildings, and high-risk commercial environments, the 3B XL Panel incorporates advanced materials and engineering to deliver exceptional performance in safeguarding people and assets from modern threats.

#### KEY FEATURES:

- **ENHANCED BALLISTIC RESISTANCE:** The 3B XL Panel is engineered to meet and exceed the highest **UL 752 ballistic standards**, with protection levels ranging from **Level 1 to Level 10**, including defense against **.50 caliber API (Armor-Piercing Incendiary)** rounds. This level of ballistic protection ensures that the panel can effectively stop multiple high-velocity projectiles, offering superior protection for critical infrastructure and personnel.
- **BLAST RESISTANCE:** Built to absorb and mitigate the effects of powerful explosive blasts, the 3B XL Panel is ideal for environments at risk of explosive threats. It is designed to withstand **high-impact explosions**, protecting structures from severe damage while safeguarding the people inside. This makes it an excellent choice for facilities like **power plants, military bases, and petrochemical facilities**.
- **FORCED ENTRY PROTECTION:** The 3B XL Panel provides robust protection against **forced entry** attempts. Its reinforced construction ensures that even the most aggressive intrusion methods and tools are resisted, offering a critical line of defense for facilities at risk of unauthorized access. This is especially important in high-security environments such as **government buildings, embassies, and detention centers**.
- **HIGH-SPEED FRAGMENTATION PROTECTION:** In addition to ballistic and blast protection, the 3B XL Panel offers enhanced defense against **high-speed fragmentation** from explosive devices. This feature ensures that shrapnel and debris from blasts cannot penetrate the structure, making it ideal for **military environments and industrial settings** prone to explosion risks.
- **FIRE RESISTANCE:** The 3B XL Panel is designed to provide up to **8 hours** of fire protection, maintaining structural integrity even during fire events. This dual-purpose protection ensures that the panel continues to offer both **fire resistance and ballistic protection**, making it a versatile solution for high-risk environments.

#### APPLICATIONS:

- **POWER GENERATION FACILITIES:** The 3B XL Panel is ideal for protecting **power plants, substations, and utility infrastructure**, providing critical multi-threat protection to ensure operational continuity and the safety of personnel.
- **MILITARY AND GOVERNMENT BUILDINGS:** The 3B XL Panel offers superior security for **military bases, embassies, and government buildings**, delivering defense against the most extreme ballistic, blast, and forced entry threats.
- **DATA CENTERS:** Data centers benefit from the 3B XL Panel's protection against **fire hazards, forced entry, and ballistic impacts**, ensuring the security and safety of critical infrastructure and sensitive information.
- **INDUSTRIAL FACILITIES:** For high-risk **industrial facilities** such as **gas refineries and chemical plants**, the 3B XL Panel provides crucial defense against explosive threats, high-speed fragmentation, and fire, maintaining safety for workers and operational integrity.

- **DETENTION CENTER AND BORDER SECURITY:** The 3B XL Panel secures **border security zones** and **detention centers** by providing a high level of protection against **ballistic threats, forced entry, and explosive blasts**, ensuring the safety of both personnel and detainees.

## PERFORMANCE STANDARDS:

- **BALLISTIC RESISTANCE:** Certified to **UL 752 Levels 1-10**, including defense against **.50 caliber API rounds**.
- **BLAST RESISTANCE:** Engineered to mitigate high-impact explosive forces.
- **FORCED ENTRY RESISTANCE:** Reinforced to prevent unauthorized access during aggressive break-in attempts.
- **FIRE RESISTANCE:** Provides up to **8 hours** of fire protection.
- **FRAGMENTATION PROTECTION:** Tested for high-speed fragmentation, offering defense against shrapnel and debris.

## TECHNICAL SPECIFICATIONS:

- **MATERIALS:** Advanced composite materials, steel reinforcements, and proprietary 3B infill technology.
- **BALLISTIC RATING:** UL 752 Levels 1-10.
- **FIRE RESISTANCE RATING:** Up to 8 hours.
- **BLAST RATING:** Custom-engineered to handle extreme explosive forces.
- **INSTALLATION:** Suitable for both **new constructions** or **retrofit** projects.

## WHY CHOOSE THE 3B XL PANEL?

- **ULTIMATE MULTI-THREAT PROTECTION:** The 3B XL Panel provides comprehensive protection against **ballistics, blasts, forced entry, fire, and high-speed fragmentation**, offering unparalleled security in high-risk environments.
- **TESTED FOR REAL-WORLD THREATS:** Each 3B XL Panel undergoes rigorous real-world testing to ensure it meets the highest standards of **security, reliability, and performance**.
- **LONG-TERM DURABILITY:** Constructed to maintain its integrity under extreme conditions, the 3B XL Panel delivers long-lasting protection for critical infrastructure and facilities.
- **CUSTOMIZABLE DESIGN:** The 3B XL Panel can be customized to fit your specific security needs, offering flexibility in **size, configuration, and finishes** to ensure seamless integration with your project.

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## CONTACT US

For more information on how the **3B XL Panel** can provide your facility with the ultimate protection, or to discuss your specific security requirements, contact **3B Protection** today.