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## 3B MAX PANEL

### ULTIMATE BALLISTIC AND BLAST PROTECTION

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.

#### 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 8 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:** Ideal for protecting power plants, substations, and utility infrastructure, the 3B Max Panel provides multi-threat protection to ensure the continuous operation of essential services.
- **MILITARY INSTALLATIONS:** Designed to secure military bases and government buildings, the 3B Max Panel defends against the most extreme ballistic and blast threats, ensuring the safety of personnel and strategic assets.
- **DATA CENTERS:** 3B Max Panels offer top-tier protection for data centers, safeguarding critical information and infrastructure from fire, forced entry, and ballistic impacts.
- **INDUSTRIAL FACILITIES:** High-risk industrial environments, such as petrochemical plants and gas refineries, benefit from the 3B Max Panel's ability to withstand explosive blasts, high-speed fragmentation, and fire hazards.
- **BORDER SECURITY AND DETENTION CENTERS:** Protect sensitive border zones and high-security detention facilities from ballistic impacts, forced entry, and blast threats, ensuring perimeter integrity and safety for personnel.

## PERFORMANCE STANDARDS:

- **BALLISTIC PROTECTION:** Certified to **UL 752 Levels 1-10**, including resistance to **.50 caliber API rounds**.
- **BLAST PROTECTION:** Engineered to withstand high-impact explosions and mitigate blast damage.
- **FORCED ENTRY PROTECTION:** Reinforced to prevent unauthorized access and withstand aggressive entry attempts.
- **FIRE RESISTANCE:** Provides **up to 8 hours** of fire resistance.
- **FRAGMENTATION PROTECTION:** Tested for high-speed fragmentation, ensuring protection from shrapnel and debris.

## 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 8 hours.
- **BLAST RATING:** Custom-engineered to handle explosive forces.
- **INSTALLATION:** Suitable for both new constructions and retrofit applications.

## WHY CHOOSE THE 3B MAX PANEL?

- **UNMATCHED MULTI-THREAT PROTECTION:** Designed to defend against ballistic, blast, fire, and forced entry threats, the 3B Max Panel offers comprehensive protection in high-risk environments.
- **PROVEN PERFORMANCE:** Tested in real-world scenarios, the 3B Max Panel meets the most rigorous industry standards to provide reliable security for the most critical facilities.
- **DURABILITY AND LONGEVITY:** Built to maintain its structural integrity even in extreme conditions, the 3B Max Panel offers long-term, dependable protection.
- **CUSTOMIZABLE FOR YOUR NEEDS:** Fully customizable in size, configuration, and finish to meet the specific requirements of your facility, the 3B Max Panel integrates seamlessly with existing or new structures.