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## 3B SECURITY GATES

### ULTIMATE PROTECTION FOR CRITICAL INFRASTRUCTURE AGAINST HIGH-LEVEL THREATS

#### PRODUCT OVERVIEW:

3B Ballistic Gates are state-of-the-art security solutions meticulously designed to protect critical infrastructure from a wide range of threats, including ballistic attacks, explosive blasts, forced entry attempts, vehicular ramming, and high-caliber rounds. Manufactured by 3B Protection Inc., these gates are essential components of comprehensive security systems deployed at government buildings, military bases, power plants, data centers, and other high-risk sites. 3B Ballistic Gates also meet the stringent 3B RLS Standard for enhanced ballistic and blast protection, ensuring the highest level of safety and reliability.

#### THREAT LEVELS AND BALLISTIC PROTECTION:

3B Ballistic Gates are engineered to meet the highest UL standards for bullet resistance, particularly UL Levels 8 to 10, and they are capable of withstanding a variety of high-powered firearms, including armor-piercing incendiary (API) rounds. These levels of protection provide a comprehensive defense against the most extreme ballistic threats:

- **UL LEVEL 8:** Provides protection against 7.62mm NATO rounds (M80 Ball), a standard round used in military rifles, offering a high level of defense against sustained rifle fire.
- **UL LEVEL 9:** Offers enhanced protection against .30 caliber armor-piercing bullets, capable of penetrating many standard ballistic barriers, ensuring robust security against advanced threats.
- **UL LEVEL 10:** Delivers the highest level of protection, capable of withstanding .50 caliber BMG rounds, including .50 caliber API (armor-piercing incendiary) rounds. This type of ammunition is specifically designed to penetrate armor and create incendiary effects, making it a serious threat to fortified structures and armored vehicles. 3B Ballistic Gates are built to defend against this powerful ammunition, ensuring maximum protection for personnel and infrastructure.

This wide range of ballistic resistance guarantees that 3B Ballistic Gates can withstand both conventional and high-powered firearms, ensuring that personnel and critical infrastructure are safeguarded from the most extreme ballistic threats, including the highly destructive .50 caliber API rounds.

#### BLAST RESISTANCE:

In addition to ballistic protection, 3B Ballistic Gates are engineered to withstand blast impacts from explosive devices. Whether facing a vehicle-borne improvised explosive device (VBIED) or a stationary explosive, these gates are designed to absorb and dissipate the energy from powerful blasts. 3B's blast-resistant materials undergo rigorous testing to ensure they meet the 3B RLS Standard for blast resistance, protecting the perimeter and internal assets of the facility by minimizing the risk of structural failure, fires, and secondary explosions.

#### FORCED ENTRY PROTECTION:

3B Ballistic Gates are built to resist forced entry attempts, including attacks using vehicles as battering rams, hand tools, and advanced breaching equipment. This protection is crucial for securing access points to high-security zones where attackers may attempt to infiltrate or sabotage essential operations. The gates can also be fitted with anti-ramming technology, such as reinforced steel bollards, which prevent vehicles from breaching the perimeter. This makes them ideal for use at military installations, government facilities, and energy plants, often targeted for their strategic importance.

## M30 AND M50 CRASH RATINGS:

3B Ballistic Gates are certified to meet M30 and M50 crash ratings, providing exceptional protection against vehicular ramming attacks. These ratings demonstrate the gates' ability to stop high-speed vehicles from breaching secure perimeters, offering effective defense against one of the most common methods of forced entry:

- **M30 CRASH RATING:** Certifies that the gate can stop a 15,000-pound vehicle traveling at 30 mph. This level of protection is ideal for facilities where vehicular ramming poses a moderate threat.
- **M50 CRASH RATING:** Certifies that the gate can halt a 15,000-pound vehicle traveling at 50 mph. This higher level of protection is ideal for high-risk facilities such as military bases, government buildings, and nuclear power plants, where the threat of high-speed vehicular attacks is greater.

By incorporating M30 and M50 crash-rated gates, 3B Protection ensures that critical infrastructure remains safeguarded from high-speed vehicular ramming, a tactic commonly employed in forced entry and terrorist attacks.

## ENVIRONMENTAL RESILIENCE:

3B Ballistic Gates are designed to handle various environmental challenges that critical infrastructure may face. These gates are customized to function effectively in seismic zones, ensuring structural integrity even during earthquakes. Additionally, they are built to endure extreme weather conditions, such as hurricanes and tornadoes. Reinforced to withstand high winds, flying debris, and ground tremors, 3B Ballistic Gates ensure that security is maintained even during natural disasters, which are often exploited by attackers.

## SEAMLESS INTEGRATION WITH BROADER SECURITY SYSTEMS:

3B Ballistic Gates are often part of a broader, multi-layered security system that includes:

- **BALLISTIC WALLS:** Offering perimeter protection to ensure the entire boundary of a facility is resistant to firearms and explosive impacts.
- **BLAST-RESISTANT DOORS:** Complement the ballistic gates by securing internal areas from both blast and forced entry threats.
- **ANTI-CLIMB BARRIERS:** Installed alongside gates, these barriers prevent unauthorized personnel from scaling walls or fences, adding an additional layer of protection against infiltration.

By integrating these components, 3B Protection provides a comprehensive defense system tailored to the unique security needs of each facility.

## SUSTAINABLE AND ENVIRONMENTALLY FRIENDLY DESIGN:

3B Protection places a strong emphasis on sustainability in the manufacturing of its ballistic gates. The materials used in the gates are sourced from recycled content, aligning with green building practices and contributing to environmentally friendly construction. The gates are designed for durability, reducing the need for frequent replacements and minimizing environmental impact over their lifespan. This eco-conscious approach ensures that facilities not only meet their security requirements but also their sustainability goals.

## TURNKEY SOLUTIONS:

At 3B Protection, we offer full turnkey solutions, from the initial consultation and design phase to installation and ongoing quality control. Each security system is fully customized to the client's specific threat profile, facility layout, and operational needs. The process includes:

- **CONSULTATION:** Understanding the facility's unique security needs and conducting a thorough threat assessment.
- **DESIGN:** Developing a tailored security solution that integrates ballistic, blast, and forced entry protection.
- **INSTALLATION:** Ensuring a seamless and efficient installation process with minimal disruption to daily operations.
- **QUALITY CONTROL:** Regular inspections and maintenance checks to ensure all security systems function at optimal levels.

This comprehensive approach guarantees that 3B Ballistic Gates and the broader security systems work in tandem to provide the highest level of protection for critical infrastructure.

## APPLICATIONS OF 3B BALLISTIC GATES:

3B Ballistic Gates are versatile and can be deployed across a range of sectors and facilities that require the highest levels of security. These include:

- **GOVERNMENT BUILDINGS:** Protecting key assets such as embassies, intelligence agencies, military headquarters, and law enforcement facilities.
- **MILITARY INSTALLATIONS:** Ensuring perimeter security and access control for military bases, airfields, and supply depots.
- **POWER PLANTS AND ENERGY INFRASTRUCTURE:** Safeguarding nuclear facilities, substations, and other critical energy assets from potential attacks.
- **DATA CENTERS:** Preventing unauthorized access to highly sensitive data storage facilities that are vital to national security and economic stability.

By integrating 3B Ballistic Gates into the security architecture, organizations can rest assured that their most critical infrastructure is protected from even the most extreme threats.

## **WHY CHOOSE 3B BALLISTIC GATES?**

3B Ballistic Gates represent the pinnacle of security technology, offering unmatched protection against ballistic, blast, forced entry, and vehicular ramming threats. Engineered to withstand high-caliber firearms, including .50 caliber API rounds, explosive blasts, and extreme weather conditions, these gates are essential for securing critical infrastructure in high-risk environments. With UL Level 8 to 10 ballistic protection, M30/M50 crash ratings, and compliance with the 3B RLS Standard, 3B Protection ensures that facilities remain protected against a wide range of threats. By incorporating sustainable practices and offering full turnkey solutions, 3B ensures that clients receive the highest level of security, tailored to their specific needs, while contributing to long-term environmental sustainability.