



**PROTECTION®**

**BALLISTIC / BLAST / BREAK-IN**



**TEL /** 561.277.9751  
**EMAIL /** INFO@3BPROTECTION.COM  
**WEB /** WWW.3BPROTECTION.COM  
**ADDR /** 364 CYPRESS DRIVE, STE. 102  
TEQUESTA, FL 33469



# 3B BALLISTIC, FORCED ENTRY, AND BLAST DOORS

**COMPREHENSIVE PROTECTION FOR CRITICAL INFRASTRUCTURE,  
PETROCHEMICAL FACILITIES, AND HIGH-RISK ENVIRONMENTS**

## PRODUCT OVERVIEW:

3B Ballistic, Forced Entry, and Blast Doors are top-tier security solutions designed to provide maximum protection against an extensive range of threats, including ballistic attacks, explosive blasts, forced entry, and vehicular ramming. Manufactured by 3B Protection Inc., these doors are integral to safeguarding critical infrastructure such as government buildings, military installations, petrochemical facilities, energy plants, schools, and residential homes, ensuring that personnel, assets, and operations are shielded from even the most extreme risks.

## THE ROLE OF 3B DOORS IN INTEGRATED SECURITY SOLUTIONS:

As part of 3B Protection's integrated security solutions, 3B Ballistic, Forced Entry, and Blast Doors work seamlessly with other advanced security components such as ballistic walls, blast-resistant gates, and anti-climb barriers to create a multi-layered defense system. These doors provide robust security at key entry points, protecting control rooms, storage facilities, vaults, and other critical areas against a variety of threats.

- **BALLISTIC WALLS:** These provide outer perimeter defense, stopping ballistic threats from penetrating exterior walls.
- **BLAST-RESISTANT GATES:** Designed to prevent vehicular ramming and secure primary access points.
- **ANTI-CLIMB BARRIERS:** These prevent unauthorized individuals from scaling walls or fences, adding an additional layer of defense.

This multi-tiered defense system ensures that any attempt to compromise the security of a facility is delayed, giving security teams the crucial time they need to respond and neutralize potential threats before they can escalate.

## IDEAL APPLICATIONS OF 3B BLAST DOORS IN PETROCHEMICAL AND ENERGY FACILITIES:

Petrochemical facilities are particularly vulnerable to explosive attacks and forced entry due to the highly flammable and hazardous materials they store. 3B Blast Doors are engineered specifically for these high-risk environments, providing unmatched protection where explosion containment and blast mitigation are critical.

- **EXPLOSION CONTAINMENT:** 3B Blast Doors are designed to absorb and dissipate the energy from high-explosive blasts, protecting critical areas from structural collapse, fires, and secondary explosions. This capability is essential in petrochemical plants, where the detonation of hazardous materials can cause catastrophic damage and environmental contamination.
- **PREVENTING CASCADING FAILURES:** By isolating blast impacts to a specific area, 3B Blast Doors prevent damage from spreading to other critical components, such as storage tanks, pipelines, and control rooms. This containment helps avoid large-scale operational failures that can devastate entire facilities.
- **OPERATIONAL CONTINUITY:** After an explosion or attack, 3B Blast Doors ensure that vital infrastructure remains operational. For petrochemical facilities and energy plants, these doors are key to minimizing downtime and mitigating economic loss, allowing businesses to continue operations even in the aftermath of an attack or accident.

## KEY FEATURES OF 3B BALLISTIC, FORCED ENTRY, AND BLAST DOORS:

### 1 BALLISTIC RESISTANCE (UL LEVELS 1-10)

3B Ballistic Doors are built to meet the highest UL standards for bullet resistance, with ratings from UL Level 1 to UL Level 10, providing comprehensive protection against a wide range of ballistic threats.

- **UL LEVELS 1-3:** Protect against common handgun rounds, including 9mm and .357 Magnum.
- **UL LEVELS 4-7:** Resist higher-caliber rounds from handguns and rifles, such as .44 Magnum and 5.56mm NATO rounds.
- **UL LEVELS 8-10:** Provide the highest level of protection, defending against 7.62mm NATO rounds, .30 caliber armor-piercing bullets, and .50 caliber BMG rounds designed to penetrate armored vehicles and fortified structures.

These levels of protection make 3B Ballistic Doors suitable for environments where high-caliber firearms are a threat, such as military installations, government buildings, and industrial facilities like petrochemical plants.

### 2 BLAST RESISTANCE

3B Blast Doors are designed to withstand explosive forces from IEDs (improvised explosive devices), VBIEDs (vehicle-borne IEDs), and industrial accidents. These doors are tested to meet the 3B RLS Standard for blast protection, ensuring they can:

- Contain the damage caused by explosive devices, preventing further spread.
- Protect high-risk areas such as control rooms, storage facilities, and pumping stations in petrochemical and energy plants.

### 3 FORCED ENTRY PROTECTION

3B Ballistic, Forced Entry, and Blast Doors are built to resist forced entry attempts using battering rams, hand tools, and sophisticated breaching equipment. Key features of 3B Forced Entry Protection include:

- Reinforced doors designed to withstand heavy-duty tools.
- Anti-ramming technology that prevents vehicles from breaching access points.
- High-security multi-point locking systems and reinforced steel frames, which make the doors nearly impenetrable during forced entry attacks.

### 4 INTEGRATED SECURITY LOCKS

3B doors are also equipped with integrated high-security locks, offering multi-point locking systems that fortify the doors' resistance to forced entry. These locks are designed to work seamlessly with other 3B security solutions, ensuring that the doors remain secure during sustained attack attempts.

### 5 CUSTOMIZABLE DESIGN

3B Ballistic and Blast Doors are fully customizable to meet the unique requirements of each facility. Options include:

- Aesthetic finishes that complement a building's architecture, making them suitable for both commercial and residential applications.
- Ballistic and blast resistance levels tailored to specific threats.
- Fire-resistant models for facilities where fire hazards are a concern, providing up to 90 minutes of protection during fire emergencies.

### 6 FIRE RESISTANCE

In addition to blast and ballistic protection, many 3B Ballistic and Blast Doors are engineered to offer fire resistance. These doors are certified to withstand fire for up to 90 minutes, making them critical in environments like petrochemical plants, where fires can cause widespread destruction.

### 7 DURABLE AND LOW MAINTENANCE

Built from corrosion-resistant and weather-resistant materials, 3B Ballistic and Blast Doors are ideal for both indoor and outdoor applications. Their robust construction ensures long-term durability with minimal maintenance, even in extreme weather conditions.

## KEY FEATURES OF 3B BALLISTIC, FORCED ENTRY, AND BLAST DOORS:

- 1 PETROCHEMICAL FACILITIES:** 3B Blast Doors protect control rooms, storage areas, and pipelines from the risks associated with explosions, sabotage, and forced entry attempts, ensuring continued safe operations in high-risk sectors.
- 2 GOVERNMENT BUILDINGS:** 3B Ballistic and Blast Doors provide comprehensive protection for federal offices, embassies, and intelligence agencies, safeguarding personnel and critical infrastructure from ballistic threats, explosive attacks, and forced entry attempts.
- 3 MILITARY INSTALLMENTS:** In military environments, 3B Ballistic and Blast Doors secure command centers, weapons storage facilities, and bunkers, ensuring that operations can continue during high-risk scenarios, including forced entry and sabotage.

- 4 ENERGY INFRASTRUCTURE:** For nuclear power plants, refineries, and substations, these doors protect against forced entry and contain the damage caused by explosions, ensuring the continuity of operations during attacks or accidents.
- 5 SCHOOLS, COLLEGES, AND RESIDENTIAL HOMES:** In educational and residential settings, 3B Ballistic Doors provide critical protection against active shooter incidents, forced entry attempts, and fire hazards, creating a safe environment for students, staff, and families.

### HOW 3B BALLISTIC, FORCED ENTRY, AND BLAST DOORS PROTECT CRITICAL INFRASTRUCTURE:

- **ACCESS POINT SECURITY:** These doors serve as final barriers that protect key areas, such as control rooms, vaults, and storage areas, from unauthorized access.
- **EXPLOSIVE CONTAINMENT:** By absorbing blast impacts, 3B Blast Doors limit damage to a single area, protecting the rest of the facility.
- **FORCED ENTRY DELAY:** The doors are designed to withstand prolonged forced entry attacks, giving security teams critical time to respond.
- **OPERATIONAL CONTINUITY:** Even in the face of extreme threats, these doors help maintain operational integrity in critical facilities.

### TURNKEY SECURITY SOLUTIONS BY 3B PROTECTION:

3B Protection offers comprehensive turnkey solutions for Ballistic, Forced Entry, and Blast Doors, including:

- **THREAT ASSESSMENT:** Evaluating the facility's unique risks.
- **CUSTOM DESIGN:** Tailoring doors to meet specific security needs.
- **PROFESSIONAL INSTALLATION:** Ensuring seamless integration with minimal disruption to daily operations.
- **ONGOING MAINTENANCE AND QUALITY CONTROL:** Regular inspections to ensure long-term performance and reliability.

### CONCLUSION: COMPREHENSIVE PROTECTION FOR HIGH-RISK ENVIRONMENTS

3B Ballistic, Forced Entry, and Blast Doors represent the ultimate in security technology, providing unmatched protection against ballistic, blast, forced entry, and explosive threats. These doors are ideal for critical infrastructure such as petrochemical facilities, energy plants, military bases, government buildings, schools, and residential homes. With their customizable designs, high durability, and integration into 3B's broader security systems, these doors ensure comprehensive protection for personnel, assets, and operations in even the most demanding environments.