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3B BALLISTIC FIREWALLS

PRODUCT OVERVIEW:

3B Ballistic Firewalls are meticulously engineered to provide superior protection in high-risk environments where both fire hazards and ballistic threats are prevalent. Designed for critical infrastructure, government facilities, data centers, military installations, and high-security commercial environments, 3B Ballistic Firewalls combine cutting-edge fire-resistant technology with robust ballistic and blast protection. These dual-purpose firewalls safeguard both your structure and personnel during extreme threat events, including active shooter situations, high-speed fragmentation, explosive blasts, and fires.

KEY FEATURES:

- **BALLISTIC PROTECTION:** Built to **UL 752 standards**, 3B Ballistic Firewalls offer protection against ballistic threats ranging from **UL Levels 1 through 10**, including high-caliber rounds such as **.50 caliber API (Armor-Piercing Incendiary) rounds**. The firewalls are tested to withstand high-speed fragmentation and multiple ballistic impacts, ensuring critical infrastructure is secure from firearms to high-powered rifles.
- **FIRE RESISTANCE:** Engineered to meet stringent fire safety standards, these firewalls provide **up to 8 hours of fire resistance**, ensuring that fire hazards do not compromise the structure or safety of personnel. Ideal for environments with heightened fire risks, such as industrial facilities and data centers, 3B Firewalls prevent fire spread while maintaining structural integrity.
- **BLAST RESISTANCE:** In addition to ballistic and fire protection, 3B Ballistic Firewalls are designed to absorb and mitigate **explosive forces**. This makes them ideal for use in **LNG plants, power stations, military bases**, and other high-risk environments. The reinforced construction prevents structural failure in the event of an explosion, safeguarding critical assets and personnel.
- **HIGH-SPEED FRAGMENTATION RESISTANCE:** These firewalls are specifically designed to withstand **high-velocity fragmentation**, offering a robust defense against shrapnel and debris generated by explosive blasts. This makes them an ideal choice for environments prone to severe blast events, including industrial and military sites.
- **FORCED ENTRY RESISTANCE:** Built to resist **forced entry attempts**, 3B Ballistic Firewalls enhance security by preventing unauthorized access during high-threat situations. This added layer of defense ensures that even in hostile conditions, your facility remains secure and inaccessible to attackers.
- **CUSTOMIZABLE DESIGN:** 3B Ballistic Firewalls are fully customizable to meet your specific security requirements. We offer **various sizes, configurations, and finishes** to ensure a seamless integration with existing or new structures.
- **SEAMLESS INTEGRATION:** Whether for new construction or retrofitting existing facilities, 3B Ballistic Firewalls are designed for **easy installation** with minimal disruption to operations. They integrate seamlessly into surrounding infrastructure for an effective and aesthetically consistent solution.

IDEAL APPLICATIONS:

- **POWER GENERATION FACILITIES:** Safeguard critical assets and personnel at power plants from ballistic, blast, and fire threats, ensuring uninterrupted operations.
- **SUBSTATION AND UTILITY INFRASTRUCTURE:** Reinforce utility buildings and substations against ballistic impacts, fires, high-speed fragmentation, and forced entry attempts, providing continuous protection for essential services.

- **GOVERNMENT AND MILITARY BUILDINGS:** Protect government offices, military installations, and embassies with multi-threat protection firewalls that secure perimeters and internal spaces against ballistic and blast events.
- **DATA CENTERS:** Protect valuable data and infrastructure from fire, ballistic, and explosive threats, ensuring the integrity of your operations.
- **SCHOOLS AND UNIVERSITIES:** Enhance the security of educational institutions by installing ballistic firewalls that provide critical protection from active shooter situations, fire hazards, and explosive threats.
- **HIGH-SECURITY INDUSTRIAL FACILITIES:** Secure industrial sites from fire, blast, ballistic impacts, and forced entry threats, ensuring operational resilience in hazardous environments.

PERFORMANCE STANDARDS:

- **BALLISTIC RESISTANCE:** Tested and certified to meet **UL 752 standards**, including Levels 1 through 10. These firewalls are built to defend against **high-caliber rounds** such as **.50 caliber API rounds** and **high-speed fragmentation** from explosive devices.
- **FIRE RESISTANCE:** Certified to provide **up to 8 hours of fire protection**, meeting international fire safety standards and ensuring that fire hazards are controlled.
- **BLAST RESISTANCE:** Engineered to absorb and mitigate **explosive impacts**, preventing structural damage and ensuring safety in environments prone to explosions.
- **FORCED ENTRY RESISTANCE:** Reinforced to withstand **forced entry attempts**, ensuring that critical infrastructure remains secure even under severe attack scenarios.

TECHNICAL SPECIFICATIONS:

- **MATERIALS:** High-strength composite materials, steel reinforcement, and 3B Ballistic Infill Grout
- **FIRE RESISTANCE:** Up to 8 hours
- **BALLISTIC RATING:** UL 752 Levels 1-10 (including API rounds)
- **BLAST RESISTANCE:** Engineered for high-impact explosive forces
- **FRAGMENTATION PROTECTION:** Tested to withstand high-speed fragmentation from explosive blasts
- **INSTALLATION:** Suitable for new constructions or retrofit applications

WHY CHOOSE 3B BALLISTIC FIREWALLS?

- **COMPREHENSIVE MULTI-THREAT PROTECTIONS:** Defense against multiple threats including ballistic, fire, blast, high-speed fragmentation, and forced entry.
- **REAL-LIFE TESTED:** Proven performance under real-life conditions ensures maximum protection in high-risk environments.
- **CUSTOMIZABLE FOR SPECIFIC NEEDS:** Tailored to meet your project requirements, ensuring a perfect fit with your security infrastructure.
- **LONG-LASTING DURABILITY:** Constructed from materials designed to withstand extreme conditions, offering long-term security and peace of mind.

CONTACT US

For more information on how 3B Ballistic Firewalls can provide your facility with top-tier protection against modern threats, or to discuss your specific security needs, **contact us today**. At 3B Protection, your security is our promise.