



| | | |
|-----------|---|---|
| Tel | / | 561.277.9751 |
| Email | / | info@3bprotection.com |
| Web | / | www.3bprotection.com |
| Inquiries | / | estimating@3bprotection.com |
| Addr | / | 364 Cypress Drive, Suite 102, Tequesta, FL 33469 |

3B ADVANCED PANEL

The 3B Advanced 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 Advanced Panel incorporates sophisticated materials and engineering to deliver exceptional performance in safeguarding people and assets from modern threats.

Unlike traditional concrete walls, which require significant thickness and reinforcement to handle ballistic or blast threats, the 3B Advanced Panel delivers full-spectrum protection in a thinner form. Its composite design absorbs and dissipates high-velocity impacts and explosive forces, offering proven resistance to sustained attacks that standard concrete walls aren't built to withstand on their own.





KEY FEATURES:

- **Enhanced Ballistic Resistance:** The 3B Advanced Panel meets and exceeds UL 752 ballistic standards, with protection from Level 1 to Level 10, including .50 caliber API (Armor-Piercing Incendiary) rounds. It's built to stop multiple high-velocity projectiles, offering strong protection for critical infrastructure and personnel.
- **Blast Resistance:** Designed to absorb and mitigate explosive blasts, the 3B Advanced Panel protects structures from severe damage and shields occupants. It's ideal for high-risk environments like power plants, military bases, and petrochemical facilities.
- **Forced Entry Protection:** The 3B Advanced Panel resists aggressive forced entry attempts thanks to its reinforced construction. It's a key defense layer for secure facilities such as government buildings, embassies, and detention centers.
- **High-Speed Fragmentation Protection:** Beyond ballistic and blast threats, the 3B Advanced Panel protects against high-speed fragmentation from explosive devices. It prevents shrapnel and debris from breaching structures—ideal for military and industrial settings.
- **Fire Resistance:** The 3B Advanced Panel offers up to 6 hours of fire protection, maintaining structural integrity during extreme heat. This dual-performance makes it a versatile solution for high-risk environments needing both fire and ballistic resistance.

APPLICATIONS:

- Power Generation Facilities
- Military and Government Buildings
- Data Centers
- Industrial Facilities
- Detention Center and Border Security

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 6 hours.
- **Blast Rating:** Custom-engineered to handle extreme explosive forces.
- **Installation:** Suitable for both new constructions or retrofit projects.

