



PROTECTION®

BALLISTIC / BLAST / BREAK-IN



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3B BALLISTIC, BLAST, AND FORCED ENTRY GROUT SOLUTIONS

PRODUCT OVERVIEW:

3B Protection offers advanced grout formulations designed to provide comprehensive security for high-risk environments by combining ballistic resistance, blast absorption, and forced entry prevention in one powerful solution. These grouts reinforce critical structures such as walls and floors, making them more resilient to various threats.

COMPOSITION:

- **HIGH-STRENGTH FORMULATION:** Our grouts feature a specialized blend of high-strength cementitious materials, advanced fibers, and performance-enhancing additives, engineered to withstand ballistic impacts, blasts, and physical attacks.
- **PERFORMANCE-ENHANCING ADDITIVES:** Each grout type incorporates unique ingredients tailored to enhance its resistance against specific threats, from high-velocity projectiles to explosive forces and forced entry attempts.

PROPERTIES:

- **BALLISTIC PROTECTION:** Engineered to mitigate the effects of high-velocity projectiles, our grout resists penetration, protecting critical structures from firearms and other ballistic threats.
- **BLAST RESISTANCE:** The advanced formulation absorbs and disperses explosive forces, minimizing structural damage and maintaining integrity under severe blast conditions.
- **FORCED ENTRY RESISTANCE:** With enhanced durability against physical attacks, this grout delays unauthorized entry by reinforcing CMU (Concrete Masonry Unit) walls and other structural elements.

APPLICATIONS:

- **CRITICAL INFRASTRUCTURE:** Ideal for use in military bases, government buildings, and other high-security facilities, offering reinforced protection against ballistic, blast, and forced entry threats.
- **WALL REINFORCEMENT:** Perfect for retrofitting existing CMU walls, our grout adds an extra layer of security, making it a versatile solution for upgrading the safety of existing structures.
- **HIGH-RISK FACILITIES:** Applied in environments such as power plants, data centers, and financial institutions, where high-level protection is essential.

BENEFITS:

- **COMPREHENSIVE DEFENSE:** Provides a multi-layered defense system that significantly enhances the security of CMU walls and floors against multiple threats.
 - **COST-EFFECTIVE:** More economical than installing separate systems, this integrated solution offers a high level of protection without compromising performance.
 - **CUSTOMIZABLE:** Tailored to meet the specific security needs of any facility, from government installations to residential security upgrades.
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3B Protection's ballistic, blast, and forced entry grouts are designed to deliver superior protection, durability, and cost-effectiveness, ensuring peace of mind in the most vulnerable environments.