



PROTECH[®]
ARMOR SYSTEMS

**BALLISTIC
AND BLAST
RESISTANT
SECURITY
SOLUTIONS**

Political, social and terrorist unrest in today's world requires protection against the harshest ballistic, blast and fragmentation threats utilized around the globe. As a world leader in hard-armor technology, PROTECH® Armor Systems is rapidly becoming the single-source provider of security solutions for military, nuclear and government agencies. Using only the most advanced materials and engineering, we offer standard and custom structures to provide unsurpassed protection no matter what's demanded. From defensive fighting positions, guard booths and guard towers to fully protected modular ballistic enclosure solutions, PROTECH Armor Systems offers ballistic and blast protection on any level.

The PROTECH® team stands ready to meet all of your ballistic, blast and fragmentation protection requirements.

- More than 30 years of ballistic design and technology experience
- Broad range of small arm ballistic threats up to .50 AP rounds
- Products manufactured using only the highest quality and most advanced ballistic materials and steels
- Exclusive PROTECH® ARMOR-LOK™ protection
- Quality Control - ISO 9001:2008 certified
- AWS-certified welders
- Independent certification of all ballistic materials used in manufacturing
- State-of-the-art ballistic testing ranges
- Pre-fabricated turn-key solutions
- Custom designs to meet any requirement
- On-site support
- Proven past performance serving the global military, nuclear, law enforcement and government communities



Our exclusive ARMOR-LOK™ design offers seamless 360-degree protection to all areas of the structure including windows, doors and gunport systems.

ARMOR-LOK is a design feature that incorporates protection to all vulnerable areas of a system including the seams where armor panels meet, gaps in the corners of a structure and seams between window and wall junctions. Any vulnerable or perceived weak area is enhanced with custom fabricated mullions, overlaps or additional armor pieces to afford COMPLETE ballistic protection. Compromise is not an option.

BLAST AND FRAGMENTATION PROTECTION

SURVIVABILITY

PROTECH® Armor Systems provides comprehensive blast analyses to determine the safe standoff distances for a wide range of explosive threats.

- Threats ranging from 100 to 10,000 pounds of TNT have been analyzed, including occupant survivability
- Analyses are designed and provided such that the occupant not only survives an attack, but is able to respond after the attack
- Safe Standoff Distances (SSD) are provided ensuring the structure meets the required protection when a given standoff is employed
- Analyses are available for installation tie-down considerations, tower use, & foundation design

BALLISTIC PROTECTION

5.45x39	AK-74, AN-94, AK-101/103/105
5.56x45 M193	M16, AR-15
5.56x45 SS109 (M855)	M16, AR-15
7.62x39 M1943 Type PS Ball/Type 56	AK-47, SKS, Type 56 Rifles
7.62x39 AP-I-BZ	AK-47, SKS, Type 56 Rifles
7.62x51	M14, G3 L4, MG3, M60 Machine Guns
7.62x54R	SVD (Dragunov), DP, DT, RP-46, SG-43, SGM & PK Machine Gun
7.62x63 (.30-06) AP M2	US Springfield M1903, M1 Garand, Enfield & Browning M1917
.50 BALL M2	Browning M2 & M2HB Machine Guns, M85, Barrett, Harris, CIS 50MG
.50 AP M2	Browning M2 & M2HB Machine Guns, M85, Barrett, Harris, CIS 50MG

US & INTERNATIONAL STANDARDS

National Institute of Justice (NIJ)	IIA, II, IIIA, III, IV
Underwriters Laboratories (UL)	1, 2, 3, 4, 5, 6, 7, 8, Shotgun (Supplemental)
Advanced Society of Testing Materials (ASTM)	9mm, .44 Mag, .38 Super, 7.62mm, .30-06 AP, 12-ga.
DIN 52.290	1, 2, 3, 4, 5
EN 1063	B1, B2, B3, B4, B5, B6, B7, SG1, SG2

HANDGUN THREATS

.357 Magnum	Suitably chambered revolvers
9MM	Any pistol marked 9x19, 9MM Luger, or any other synonym, UZI, MP5
.44MM Magnum	Suitably chambered revolvers



RPG PROTECTION

RPG defeat solutions offer a range of flexible options that combine to provide maximum protection.

- RPG-7 defeat w/multi-hit defeat capability
- Easy to install, remove and replace in the field using common tools
- Flexible / modular / configurable components
- Opaque and semi-transparent coverage areas



GUARD BOOTHS

PROTECH® Blast and Ballistic Resistant Enclosure units are turnkey solutions delivered pre-fabricated to your site.

Each BRE® guard booth unit is produced to meet specific levels of ballistic and blast-resistant criteria, offering the highest level of occupant survivability. While PROTECH Armor Systems is most recognized for producing systems to meet individual site requirements, standard off-the-shelf configurations are also available.

FEATURES & OPTIONS

- All levels of ballistic protection featuring the ARMOR-LOK™ design
- Blast and fragmentation protection where required
- Multi-layer "spall-resistant" transparent armor
- Ballistic and blast-resistant (where required) gun ports and window systems up to .50 AP
- All-welded construction in accordance with AWS D1.1
- Turret systems available in both external fixed and internal/external retractable applications
- Chemical, biological, radiological and nuclear (CBRN) filtration systems
- Fully engineered HVAC systems
- High-performance coatings
- Pre-wired electrical systems to meet any requirement
- Customized interiors
- Standard units or custom-designed to meet specifications
- Restrooms available
- Conduit-penetration protection
- Exterior lighting systems
- UPS (Uninterruptible Power Supply) systems
- Modular systems



GUARD TOWERS

Offering the same features as BRE® units, towers are provided in various heights up to 60 feet for elevated security requirements.

- All levels of ballistic protection up to .50 AP
- Fully engineered, blast, hurricane and seismic rated tower designs
- 360-degree seamless protection
- Constructed with structural steel components and welded in accordance with AWS D1.1
- Hot dipped galvanized towers and stair systems
- Prefabricated towers
- Optional catwalks and shooting stations



SURVIVABILITY



PRE-CAST FOUNDATIONS

- Above grade foundations require little to no excavation
- Blast resistant
- Fully engineered design
- Easily relocated
- Provides for expedited installation, while reducing cost



TRAILER MOUNTED

PROTECH® Trailer Mounted Guard Booths offer optimal flexibility in meeting your security requirements. Offering a multitude of ballistic protection options and features, these units are fully prefabricated and pre-wired, ready for use.

FEATURES

- Ballistic resistance per specification
- Improvised Explosive Device (IED) protection
- High hard ballistic steel exterior
- Spall-resistant transparent armor windows
- Gunports (where required)
- Pre-wired electrical system
- HVAC system
- Custom sizes and configurations
- Optional generators



DEFENSIVE FIGHTING POSITIONS & BALLISTIC BARRIERS

Defensive Fighting Positions (DFPs) are designed for check point and perimeter security and Force Protection /Anti-Terrorism applications.

All units feature PROTECH's exclusive ARMOR-LOK™ design with complete ballistic and fragmentation protection in overlaps, seams and gun port areas.

Only pre-qualified ballistic steel is used in every product. Lightweight composite solutions are available for weight-sensitive requirements.

DFP

- Ballistic and fragmentation protection
- ARMOR-LOK™ design
- Lifting lugs for ease of installation
- Durable, textured finish with high-performance coatings
- Gunports and windows
- Fully customized solutions available

APPLICATIONS INCLUDE

- Vital asset protection
- Check point security
- Perimeter protection
- Fixed fighting locations
- Supplemental guard house security
- Replacement of sandbags and concrete structures
- Palletized kit versions available

SURVIVABILITY



MOBILE BALLISTIC SHIELD SERIES

Utilizing advanced materials and engineering, the Mobile Ballistic Shield Series was designed to protect against the ever-increasing risk of active shooter and terrorist threats. These models meet NIJ Type III & UL Level 5 standards (7.62 x 51mm NATO). Other standards can be addressed upon request. The Mobile Ballistic Shield series is offered in three configurations for a variety of user requirements.

- Standard sizes: 48" x 74" or 32" x 74" *Custom sizes available
- Armored steel and/or bullet-resistant glass construction
- Protected side upholstered in acoustic fabric with a tackable surface – models P597A & P597B
- Heavy duty 5" steel lockable casters (four per shield)
- Fully prefabricated – no assembly required
- Complies with Buy American Act
- Palletized delivery for ease of offloading





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