

## SPECIFICATIONS

# #WES<sup>TOP</sup>50CAL

# MIB<sup>2</sup>S

## MODULAR INTERLOCKING BALLISTIC BARRIER SYSTEM

### CORNER BLOCK



### WALL BLOCK



### THE COMPLETE BALLISTIC BARRIER SYSTEM

The objective of MIB<sup>2</sup>S is to provide a highly effective protective barrier for personnel, buildings, and other critical infrastructure in unlimited applications.

The compound used in MIB<sup>2</sup>S is a patented composite polymer material with a very high strength-to-weight ratio. It is specifically designed to protect against ballistic projectiles, and conventional and improvised explosive devices. The **self-healing** compound absorbs and traps projectiles into itself.

MIB<sup>2</sup>S does not degrade under attack, but rather **gains strength** from the resulting increase in density. MIB<sup>2</sup>S are easily assembled in the field without the need for specialty tools or formal instruction. MIB<sup>2</sup>S are marked with their specific threat rating, interchangeable in the field, and available in a strategic colors to meet mission requirements.

### APPLICATIONS

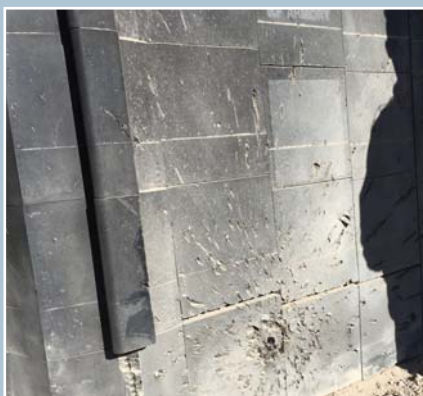
- Base and force protection
- Entry control points
- Vehicle checkpoints
- Missions Essential Vulnerable Areas
- Saferooms
- Shoot house
- Range backstop, ricochet control
- Critical equipment protection
- Explosive Ordnance Disposal (EOD)
- Air-droppable fighting position
- Active shooter deterrence
- Protection in non-standard vehicles
- Aircraft separation in high-risk areas

### TESTED AND EVALUATED

NTS-Wichita, U.S. Army Material Command, Department of Energy, U.S. Air Force, Combating Terrorism Technical Support Office (CTTSO)

### ADDITIONAL CAPABILITY AND MANUFACTURER TESTING

In demonstrations for DoD, MIB<sup>2</sup>S defeated multiple RPG-7 High Explosive fragmentation warheads (pictured below), MK 211 Raufoss, and 30mm Fragmentation ammunition.



The MIB<sup>2</sup>S block defeated 126 rounds of .50 Cal BMG API fired in rapid succession from 50 feet in manufacturer testing (The MIB<sup>2</sup>S pictured below).



### POINT OF CONTACT

## KF★ARMORY

## DEFENSE

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CAGE Code: 84V55  
DUNS: 081259990

Please contact us for a specific quote based on your threat level, quantity size, color, and shipping requirements.

### INTERNATIONAL SALES

The **HANDGUN BLOCK IIIA** is a Commerce controlled item and the **RIFLE BLOCK IV** and **.50 CAL BMG BLOCK IV+** are ITAR (International Traffic in Arms Regulations) controlled. Bureau of Industry and Security and State Department Coordination may add a minimum of 45 days to the purchase timeline, unless procurement is performed through Foreign Military Sales (FMS) channels.

KF Armory Defense, LLC is the sole source distributor for federal and government MIB<sup>2</sup>S sales.

# EOD PROTECTION

#WES<sup>TOP</sup>50CAL

## MIB<sup>2</sup>S

### MODULAR INTERLOCKING BALLISTIC BARRIER SYSTEM

#### TECHNICAL DATA

##### THREAT LEVEL OPTIONS

###### HANDGUN BLOCK IIIA

**Up to .44 MAG**

Threat Level IIIA Modified

Abbreviated NIJ 0108.01, SEPT 1985

###### RIFLE BLOCK IV

**Up to .30-06 AP**

Threat Level IV Modified

Abbreviated NIJ 0108.01, SEPT 1985

UL 752 Level 9

###### .50 CAL BMG BLOCK IV+

**Up to .50 Cal API-T**

Threat Level IV+ Special

Threat .50 Caliber API-T Modified /  
Abbreviated NIJ 0108.01, SEPT 1985

UL 752 Level 10

##### DIMENSIONS

~1 ft<sup>3</sup> / .03m<sup>3</sup>

##### MASS

~40-98 lbs / ~20-44 kgs

##### FEATURES

Multi-Hit Capable

Interlocking

Fire Retardant

Self-Healing

Rapidly Deployable/Recoverable

#### PURPOSE

The patented interlocking, self-healing, fire-retardant, ballistic barrier is the ideal solution for perimeter defense, school safety, playgrounds, safe rooms, checkpoints, shoot houses and many more ballistic protection applications.

#### IED CONTAINMENT

MIB<sup>2</sup>S blocks can be interlocked around suspicious packages without handling the device. MIB<sup>2</sup>S can contain shrapnel and reduce required blast safe zones.

#### BLAST DIVERSION

MIB<sup>2</sup>S can be emplaced to divert explosive blast upwards or away from sensitive areas to protect personnel, ammunition, and valuable equipment.

#### EOD TEAM LOWER EXTREMITY PROTECTION

A MIB<sup>2</sup>S wall can offer additional protection to EOD personnel, specifically for their lower extremities.





# EXECUTIVE PROTECTION



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## MIB<sup>2</sup>S

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#### SAFEHOUSE PROTECTION

**Modular** ballistic blocks provide **scalable** ballistic protection for safehouses and embassies, while maintaining a low signature for security operations and force protection.

#### ARMOR FOR NON-TACTICAL VEHICLES

**Interlocking**, man-portable, fire retardant ballistic blocks can be secured within non-tactical vehicles to provide low visibility ballistic protection for security teams, reconnaissance, sensors, VIPs and casualty collection points.

#### DISMOUNT AREA PROTECTION

**Ballistic** barrier protection provided by the MIB<sup>2</sup>S system provides safety and cover for VIP vehicle dismount areas and vulnerable open-



# LOGISTICS SAFETY

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# MIB<sup>2</sup>S

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### PURPOSE

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### SEPARATE EXPLOSIVES AND DETONATORS

The ballistic blocks are reconfigurable per changing requirements and inventory, and increase safety by separating types of ordinance.

### AIRCRAFT ARMING AREAS

The ballistic blocks protect aircraft and personnel from direct fire and shrapnel. They also offer protection from misfires during FARP operations.

### REMOTE OR TEMPORARY AMMO STORAGE BUNKERS

Bunkers can be assembled with MIB<sup>2</sup>S as needed, then reconfigured, moved or redeployed.





# MARITIME SECURITY



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## MIB<sup>2</sup>S

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#### BALLISTIC PROTECTION FOR SECURITY AND CREW

MIB<sup>2</sup>S capture rounds to prevent ricochets from wounding personnel or damaging cargo and vessels.

#### PORT SECURITY AND BLAST MITIGATION

MIB<sup>2</sup>S provide deployable security checkpoints, and standoff for suspicious/hazardous cargo.

#### BLAST MITIGATION IN SCREENING AREAS

MIB<sup>2</sup>S ballistic blocks provide safe areas for personnel, blast deflection and shrapnel containment.





# SMALL UNIT DEFENSE



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### CHECKPOINT PROTECTION

The ballistic blocks can be rapidly deployed to form a protective wall to provide scalable and redeployable mobile checkpoint protection.

### VEHICLE SEARCH AREA

Secure and protected Vehicle Search Areas can be rapidly setup to provide protection and reduce collateral damage from VBIEDs and other ballistic threats.

### CASUALTY COLLECTION POINTS

Casualty Collection Points can be protected to provide ballistic protection for assembly, triage, medical stabilization and subsequent evacuation of casualties.





# SPECIAL OPERATIONS



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## MIB²S MODULAR INTERLOCKING BALLISTIC BARRIER SYSTEM

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#### DIMENSIONS

~1 ft³ / .03m³

#### MASS

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#### FEATURES

Multi-Hit Capable

Interlocking

Fire Retardant

Self-Healing

Rapidly Deployable/Recoverable

#### ARMOR FOR NON-TACTICAL VEHICLES

The man portable fire retardant ballistic blocks can be stacked inside non-tactical vehicles to provide low visibility protection for assault teams, reconnaissance, sensors, VIPs and casualty collection points.

#### MOBILE FIGHTING POSITION

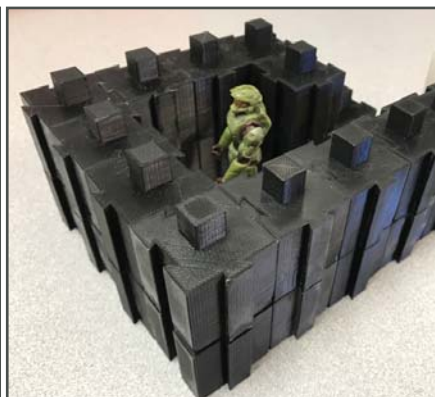
The MIB²S provide mobile ballistic protection for safehouses and embassies, all while maintaining a low signature for security operations.

#### DRIVER PROTECTION

Individual MIB²S ballistic blocks can be placed inside the driver's compartment for additional protection against high caliber weapons, explosives, and RPGs.

#### TRAINING SUPPORT

The MIB²S can provide a custom and rapidly configured shoot house anywhere in the world, in innumerable floorplan configurations, even to match an enemy target for rehearsals.



# TRAINING SAFETY

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### SHOOT HOUSE WITH INNUMERABLE CONFIGURATIONS

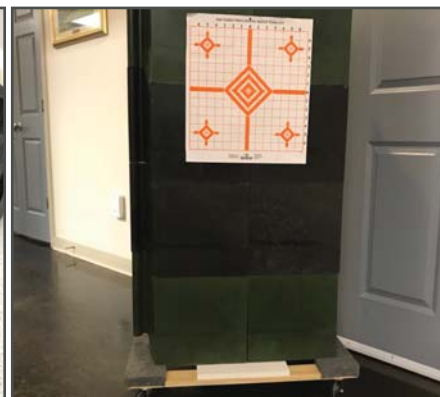
The ballistic blocks can be quickly configured to match the floorplan of a real target for rehearsals, and serve as a deployable shoot house.

### SHOOT HOUSE TARGET AND ROLLING BULLET TRAP

The ballistic blocks reduces maintenance and damage to existing shoot houses, and supports sniper training up to 50 Cal APIT.

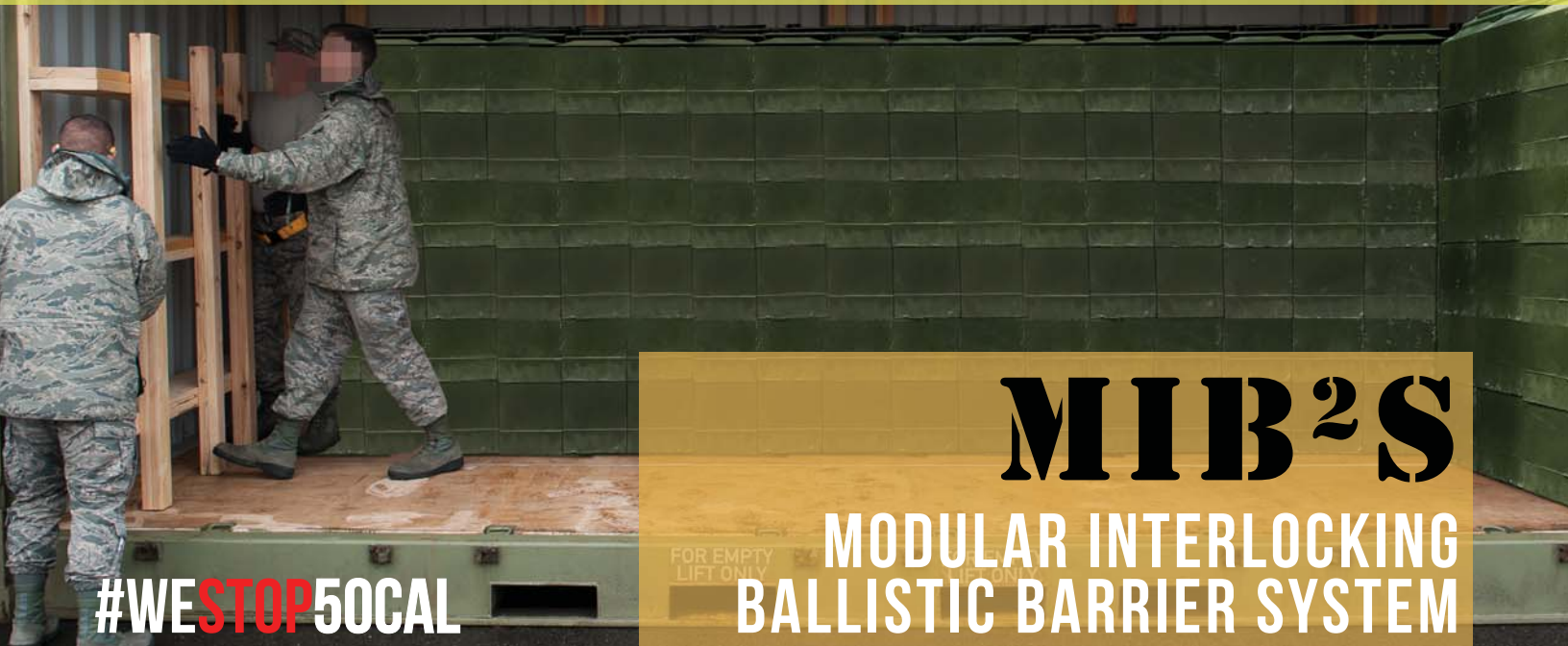
### SAFETY BACKSTOP AND LEAD CONTAINMENT

The ballistic blocks can be placed in front of existing bullet traps for heavier weapons, and suppressor testing. Rounds are contained to mitigate environmentally protected areas, dry conditions and can be recycled.





# TRANSPORTATION SAFETY



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#### BALLISTIC PROTECTION FOR TRUCKS

The ballistic blocks can line the inside of commercial vehicles to protect critical cargo, rocket motors and more.

#### PROTECT RAILCARS

The ballistic blocks can protect critical and expensive components, ammunition and hazmat from accidents and deliberate targeting.

#### CARGO SCREENING SAFETY

The ballistic blocks can protect personnel and facilities screening cargo for improvised explosives, and first responders arriving at the facility.

