

# MPS | MODULAR PROTECTION SYSTEM



LAW ENFORCEMENT  
POLICE



MILITARY



GOVERNMENTAL  
BUILDINGS  
VIP RESIDENCES



BORDER  
CHECKPOINTS



NUCLEAR FACILITIES  
CRITICAL  
INFRASTRUCTURE



The Modular Protection System (MPS) provides an interlocking, modular block system which has been designed and developed for radiation shielding, ballistic & blast protection.

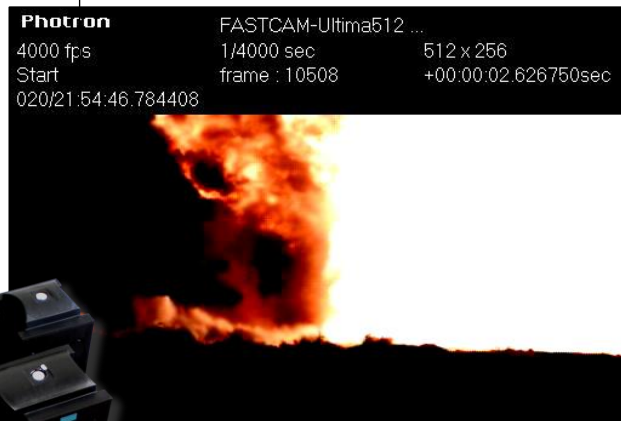
Being hollow, the blocks can be filled with a variety of material, such as water, sand and concrete, most of which can be recovered and the blocks moved to another location for re-use. The MPS is the ideal solution for securing checkpoints against vehicle-borne IEDs (VBIEDs), for shielding and secure transportation of ordnance, to shield scattered X-ray radiation from vehicle, truck or cargo scanner and to provide effective shielding at nuclear facilities from particle radiation. The MPS has been thoroughly tested by the UK Ministry of Defense, USAF, the US Department of Defence and other independent institutions.

## KEY FEATURES

- Modular & reusable
- Hollow blocks with interlocks
- Made of special molded Polyethylene
- Can be filled with water, sand, concrete and other materials
- Effective blast, ballistic & radiation shielding
- Easy and fast deployment & relocatable
- Fast decontamination



## TESTS & CERTIFICATION



- Compressive load
- Tilt capability & Wind Loading
- Radiation resistance
- Freezing
- Impact & Ideal Fragment Resistance
- Fragments from 155shell, Torpedo and Missile detonations
- 1000lb and 2x 2000lb bomb detonations
- Direct Small arms fire from 5.56, 7.62 and 14.5mm bullets

| BLAST TEST WITH THE MPS |

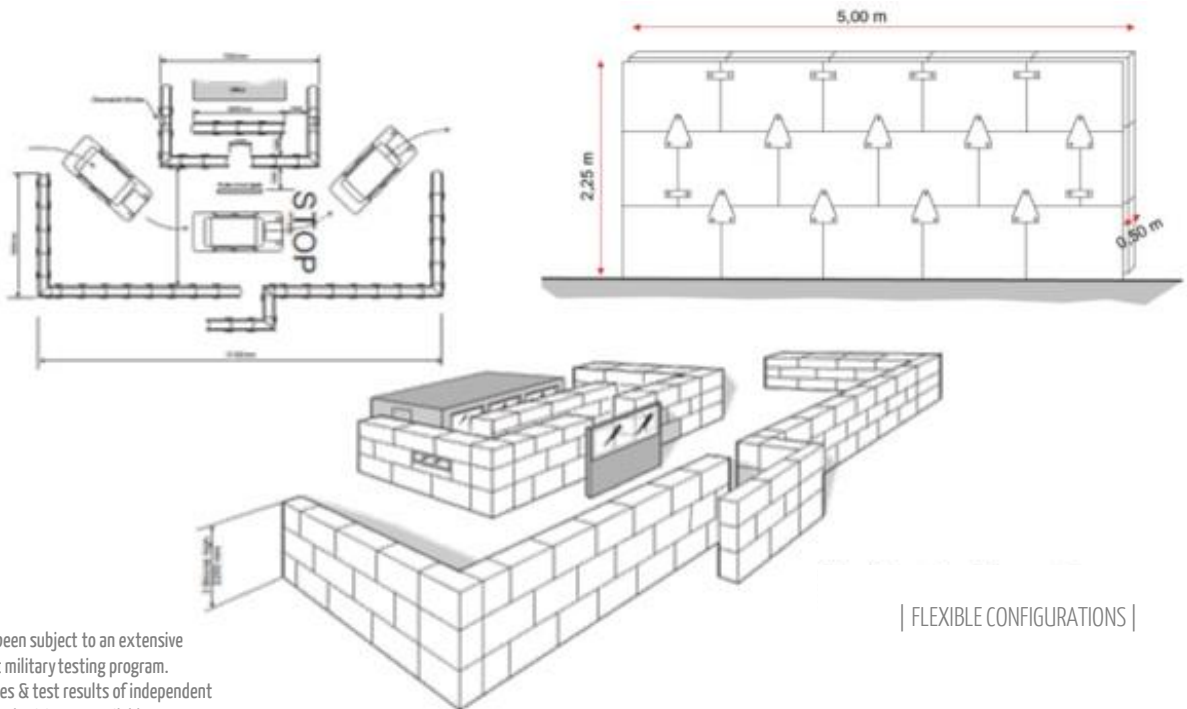


## DIMENSIONS & WEIGHT

Full Wall Block	1000 x 750 x 500 mm
Half Wall Block	500 x 750 x 500 mm
Full Left-Hand Corner Block	1000 x 750 x 500 mm
Half Right-Hand Corner Block	500 x 750 x 500 mm
Cruciform Block	800 x 750 x 800 mm
Conversion Block (with two female connections)	500 x 750 x 500 mm
Weight (of the largest block, without filling)	33 kg

## SPECIFICATIONS

Weight (standard block, without filling)	33 kg
Colors	Black (standard), others on demand
Material	Polyethylene
Possible filling materials	Water; sand; concrete; iron or lead shot or grout
Accessories	Fixing plates, nylon screws, lifting grab, drum pumps



| FLEXIBLE CONFIGURATIONS |

MPS has been subject to an extensive nuclear & military testing program. Certificates & test results of independent testing authorities are available on request.