

FIX BLOCK 50

SHALLOW MOUNT HVM PROTECTION



Designed for modern public spaces, this shallow-foundation hostile vehicle mitigation solution delivers proven protection without the cost, disruption, or visual impact of traditional barrier systems. It offers a smarter, more flexible approach to security for environments where safety must work seamlessly alongside everyday public life.

Independently crash tested at MIRA to the new ISO 22343-1, the system has been proven to stop a 7.5 tonne vehicle, impact loadings to 7.2 tonne, at 50mph, 80kph, with no penetration. The shallow foundation design reduces installation time and groundworks, helping projects stay on programme and within budget.

With a choice of finishes and discreet cover options, including planter and street-furniture designs, the solution blends naturally into public realm, retail, leisure, and transport settings, while still providing robust protection for higher-risk sites such as airports, police stations, government buildings, data centres, and critical infrastructure.

FINISHES

Standard concrete finish with option to clad in alternative finishes. Please contact us for more details

APPLICATIONS

- Public Realm
- Stadiums
- Retail parks
- Leisure attractions
- Critical infrastructure
- Police stations
- Government buildings
- Data Centres
- Shopping Centres
- Airports

Block Measurements	2000mm L x 800mm W x 930mm H (from FFL)
Block Spacing	3200mm centre to centre
Foundation Depth	300mm
Crash Test Rating	ISO 22343-1:2023 Barrier V/7200[N2A]/80/90:0.0/0.0
Minimum array	One block



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INDEPENDENT ISO 22343-1:2023 CRASH TESTING — HORIBA MIRA PROVING GROUND

CRASH TEST GALLERY



Fix Block 50 positioned ahead of a 7.5 tonne MAN rigid test vehicle prior to impact



Fix Block 50 shallow-mount unit with cast identification and corner impact markers



Post-impact: the cab is arrested on the block with no penetration of the barrier



Post-impact wide view showing the vehicle brought to a complete, inoperable stop

VEHICLE STOPPED • NO PENETRATION • RENDERED INOPERABLE ON IMPACT

Ezi Security Systems
SERIOUS SECURITY IS EZI

PSSA
PROVIDER SECURITY SYSTEMS ASSOCIATION

ASIAL
ASIAN SECURITY ASSOCIATION