



Product Information

Test Results

PAS 68/K12 - 80kph
Zero Penetration Achieved
Operating Speed

5 seconds standard



Description

The TYTAN HVM Defender Road Blocker is engineered to provide protection against vehicle-borne threats, helping to safeguard critical infrastructure, high-profile sites, and other locations where uncompromising security is essential.

Crash tested to PAS 68 / K12 standards, the PF10000 achieved zero penetration during testing while remaining operational following impact.

The system is engineered for environments requiring maximum perimeter protection combined with reliable day-to-day operation.

Driven by a heavy-duty hydraulic power unit with inverter and PLC control, the PF10000 range is designed for intensive use applications where performance, reliability, and security are critical.



HOSTILE VEHICLE MITIGATION
High Security Perimeter Control



Industry Standard

Crash Tested to PAS 68 / K12 Standards

The TYTAN HVM Defender Road Blocker achieved zero penetration during testing while remaining operational following impact. The system is engineered for environments requiring maximum perimeter protection combined with reliable day-to-day operation.

Materials & Construction

- High Grade PFC and RHS Steel
- High Visibility Yellow/Black
- Anti-slip surface applied to top plates

Specific Product Information

Key Features

- PAS 68 / K12 crash tested
- Zero penetration impact performance
- Heavy-duty hydraulic drive system
- 100% duty cycle operation
- PLC and inverter controlled system
- High-strength steel construction
- Fast operating speeds
- Integrated safety device monitoring
- Compatible with vehicle detection loops and radar safety systems
- Anti-skid top surface
- Designed for intensive security applications
- Suitable for indoor and outdoor
- Manufactured in the UK

Technical Specification

Crash Rating
PAS 68 / K12
Impact Rating
80kph
Drive System
Hydraulic
Duty Cycle
100% Intensive Use
Supply Voltage
32A, 3 Phase
Standard Operating Speed
5 seconds

Designed For

- Critical infrastructure
- Government facilities
- Data centres
- Utilities and energy sites
- Military and defence locations
- Airports and transport hubs
- Optional Extras**
- Emergency fast raise system
- LED traffic lights
- Flashing beacon
- Warning siren
- Vehicle detection safety loops
- Radar detection systems
- Battery backup system
- Custom RAL finishes

Specification

Emergency Fast Raise
1.2 Seconds (Optional)
Raised Height
1050 mm
Blocker Depth
360 mm
Available Widths
2500 mm – 4000 mm
Axle Load Capacity
30 Tonnes

**CRASH
TESTED**