



Terra V-Gate

PAS 68 – 7.5t @ 80kph

The PAS 68 Terra V Gate is a pair of bi-parting hinged gate leaves that secure in a shallow 'V' shape.

Successfully impact tested to PAS 68 stopping a 7.5t vehicle travelling at 50mph (80kph) which equates to 1852kJ. Zero penetration on to site and product remained fully functional after impact.

Manual bi-parting pair of hinged gate leaves with heavy duty impact crash beam and heavy-duty support posts. Hinged Gate leaves can be automated with our range of Trojan Actuators.

Designed for easy installation and maintenance.

The Terra V Gate can be interfaced to any access control systems.

- Maximum width: 7000mm
- Variable heights available up to 4000mm
- PAS 68 Tested dimensions : width 4500mm, height 3000mm
- Manual Terra V Gate Foundation Type B: Shallow foundation depths of only 500mm required
- Automatic Terra V Gate Foundation: Dependent on Actuator and size of gate.

The Terra V Gate is PSSA Verified. The Perimeter Security Suppliers Association has introduced a verification scheme to provide confidence to clients of the perimeter security industry and ensure that the associations members conform to internationally recognised quality standards,

Basic Specs

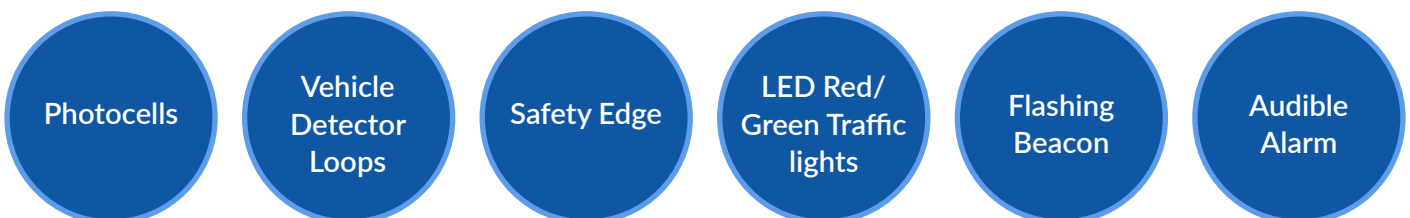
- > **PAS 68 Classification Code:**
V Hinged Gate 7500(N3)/80/90:0.0/0.0
- > Zero Penetration During Impact
- > Fully Functional After Impact
- > V-Shape is secured at shallow angle of only 135 degree
- > Width up to 7000mm
- > **Standard Height:** 2400mm
- > Shallow foundation of only 500mm
- > Painted to any RAL colour
- > Crash tested in the UK by TRL



More details

- > **Construction:** The gate is a fully welded construction of heavy gauge steel sections including specially designed Frontier Pitts' Steel Impact Beam.
- > Shallow Foundation Type B of 500mm
- > Finish: Shotblasted, hot zinc sprayed (galvanised), primed and finished with a final coat of polyurethane paint.
- > **Method of Operation:** Push button as standard for automatic gates, consist of (Open/Stop/Close) buttons.
- > **Operational Options:** Manual or Automatic

Safety Options:



- > **Normal Operating Speed/Time:** 200mm per second Depending on configuration and subject to risk assessment to ensure the gate would comply with BS EN 12453 (Safety Standards)
- > **Duty Cycle:** 100% duty rating
- > **Controls:** The programmable logic controller (PLC) with built in safety features will accept inputs from access control systems including access card, voice, etc. Push button is supplied as standard

- > Successfully Crash tested in the UK to PAS68 specification.
- > Terra V-Gate has been designed for wider entrances covering 7m width of counter Terrorism protection.
- > Heavy duty posts support the gate leaf during operation and crash test and absorb the impact energy and divert it into the ground.
- > No track or support required across the road width, minimal excavation.
- > Designed for easy of installation and maintenance
- > Can be interfaced to any access control systems.
- > Hydraulically driven by Underground Trojan actuators
- > Manual disengaging lever arm for emergency use
- > Advance drive mechanism with acceleration and deceleration velocity to preserve the driving mechanism.
- > Unique locking mechanism to prevent the gate being opened with force.
- > Operating temperature of -20 to + 60C
- > Operating Voltage: Three phase 415V AC at 50Hz
- > Accreditations: TRL, Secured by Design, BRE Global



Infill options:

Bar infill

Weldmesh
infill 358mm

Sheet infill
(Solid)

Square mesh
infill 50x50mm

Special infill

contact us for further details

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