



Terra Sliding Cantilevered Gate

PAS 68 – 7.5t @ 80kph

Hostile Vehicle Mitigation Sliding Gate

The PAS 68 and CEN 16221 Terra Sliding Cantilevered Gate, successfully impact tested with a 7.5t vehicle travelling at 50mph (80kph) which equates to 1852kJ. On impact, the gate stopped the vehicle within the aperture.

The gate leaf is constructed with a Heavy Duty Crash Impact Beam and Heavy duty posts support the gate leaf. The Cantilevered Gate, requires no track or support across the roadway, therefore no roadway excavation needed. The balance is provided by a unique enclosed “runback”, which enables the gate to be fully projected across the roadway without tipping

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

Foundation Type B – Shallow embedment depths of only 500mm required

- Maximum width: 6000mm
- Minimum height of 1200mm
- Maximum Height 3000mm
- PAS 68 Tested dimensions : width 4500mm height 3000mm

The Terra Sliding Cantilevered Gate is a PSSA Verified product. 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

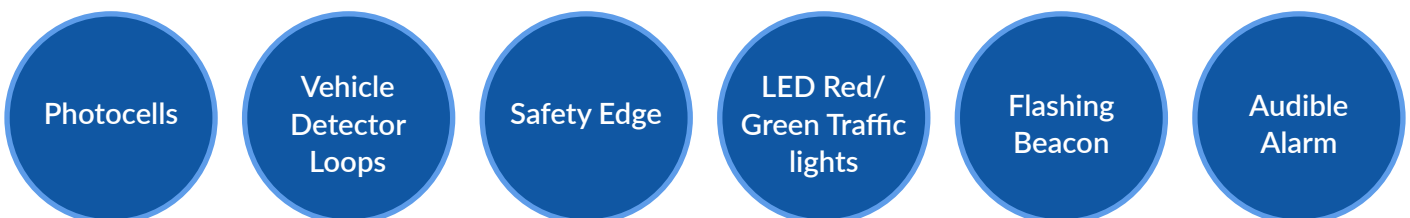
- > **PAS 68 Classification Code:**
V Sliding Gate /7500(N3)/80/90:1.5/0.0
- > **Height:** up to 3000mm
- > **Width:** Variable up to 6000mm
- > **Shallow Foundation** depth of only 500mm
- > **Painted** to any RAL colour
- > **Crash tested** in the UK by MIRA



More details

- > **Construction:** The gate is a fully welded construction of heavy gauge steel sections including specially designed Frontier Pitts' Steel Impact Beam.
- > **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 PAS 68 Specification
- > Terra Sliding Cantilevered gate has been designed to the highest crash rating standard for Terrorism protection
- > Heavy duty posts support the gate leaf during operation and crash test.
- > Cantilevered gate, no track or support required across the road width, minimal excavation.
- > The balance is provided by a unique enclosed "runback" which enables the gate to be fully projected across the roadway without tipping.
- > Designed for easy of installation and maintenance
- > Can be interfaced to any access control systems.
- > Manual disengaging lever arm for emergency use
- > Advance drive mechanism with acceleration and deceleration velocity to preserve the driving mechanism.
- > Operating temperature of -20 to + 60C
- > **Operating Voltage:** Single phase 230V AC at 50Hz
- > **Accreditations:** MIRA, 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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