

# TERRA SLIDING CANTILEVERED GATE



The HVM Gate has been successfully impact tested to the British PAS 68 specification with 7.5t @ 50mph (80kph) with a maximum width of 6000mm.

- PAS 68 Terra Sliding Cantilevered Gate 7.5t @ 50mph (80kph)
- V/7500[N3]/80/90:1.5/0.0

**Tested dimensions: width 4500mm, height 3000mm**

## BENEFITS & FEATURES

- Successfully impact tested to PAS 68
- Minimal site penetration
- Variable heights available. Standard 2400mm. Maximum 5000mm
- Heavy duty posts support the gate leaf
- Cantilevered Gate, no track or support across the roadway is required, therefore no roadway excavation required
- The balance is provided by a unique enclosed "runback" which enables the gate to be fully projected across the roadway without tipping
- Electronic control motor drive unit, 100% duty rated
- Manual operation under power fail conditions
- Designed for ease of installation and maintenance
- Shallow Embedment Foundation depths of only 400mm required. Foundation Type B

## OPERATING SPEED

- Typical operating speed of 250-500mm/second\* depending on configuration
- EFO (extra fast operation) available

## OPTIONS

- UPS (Uninterrupted power supply) allows a number of operations in power failure mode
- Disengaging box – manual override

- In the event of Power Failure options of Fail Safe (remain in the open position) or Fail Secure (remain in the closed position)
- 100/200mm Traffic Light System
- High Security Cabinet
- Can be interfaced to any access control system
- Various infills available including, bar, mesh and sheet

## SAFETY

- Vehicle detector loops
- Safety photocell beams
- Flashing beacons
- Audible alarm
- Safety Edge

## CIVIL REQUIREMENTS

**Gate base** (millimetres)  
L: 2800 x W: 1500 x D: 500

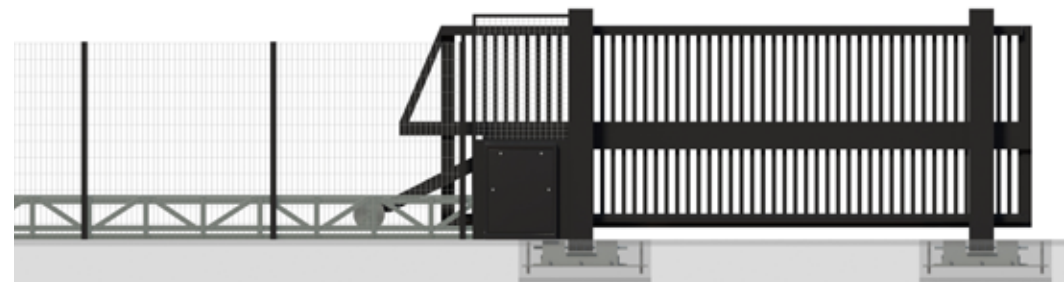
**Receptor post foundations** (millimetres)  
L: 2800 x W: 1500 x D: 500

**Note:** Power and control wiring ducts may be required

## ELECTRICAL REQUIREMENTS \*

- Single Phase Supply

\* This is subject to a risk assessment to ensure the automatic equipment complies to BS EN 12453



**PSSA**  
Verification Scheme

+44(0)1293 422800

sales@frontierpitts.com www.frontierpitts.com



FP20.2SlidingC/MAY16