



Terra Gates (IWA 14 and PAS 68)

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Detailed description

A range of automatic steel security gates, impact tested to the International IWA14 and British BSi PAS 68 specifications. Part of the Anti Terra range of counter terrorist equipment and have been IWA14 or PAS 68 impact tested to completely stop a 7.2 t vehicle travelling at 80 kph (50 mph) within the aperture. The Terra Sliding Gates are designed for sites requiring the ultimate defence. Size and safety system options are available. Contact Manufacturer for IWA14 and PAS 68 Classification Codes. They are compliant to BS EN 13849 and Secured by Design, PSSA Verified and are listed on the CPNI List of PAS 68 products.

IWA 14 Terra G8 Sliding Cantilevered Gate:

A high security sliding cantilevered gate available to provide hostile vehicle mitigation to apertures up to 8 m. Comprising a gate leaf with LPS 1175 security weldmesh infill, heavy duty crash impact beam and posts. Successfully IWA 14 impact tested with 7.2 t at 40 mph. It is a cantilevered gate, meaning no track is required in the roadway.

PAS 68 Terra Sliding Cantilevered Gate:

A high security sliding cantilevered gate comprising a gate leaf with heavy duty crash impact beam and posts. Successfully BSi PAS 68 impact tested with 7.5 t at 50 mph. It is a cantilevered gate, meaning no track is required in the roadway. A PSSA Verified Product.

PAS 68 Terra Swing Gate:

Previously known as the 'Terra Road Closer'. A manual swing gate that has been successfully impact tested to BSi PAS 68, stopping 7.5 t travelling at 50 mph.

PAS 68 Terra Hinged Gate; PAS 68 Terra Swing Gate with Security Infill creates the Terra Hinged Gate:

The enhanced version of the PAS 68 impact tested Terra Swing Gate with high security weldmesh infill. 7.5t @ 50mph. Can be automated.

IWA 14 Terra 180° Hinged Gate:

The enhanced version of the IWA 14 impact tested Terra 180° Swing Barrier with high security weldmesh infill. 7.2t @ 80kph (50mph). Can be automated.

PAS 68 Terra V Gate:

Previously known as the 'Terra Lock Gate'. A manual bi-parting pair of hinged gate leaves, successfully BSi PAS 68 impact tested stopping a 7.5 t at 50 mph. Terra V Gate remained fully functional after impact. Gate leaves secure at a shallow angle of 135°. Automated Terra V Gate available. A PSSA Verified Product.

Product guidance - As Standard

Frontier Pitts Ltd



Frontier Pitts Ltd
Crompton House
Crompton Way
Manor Royal Industrial Estate
Crawley
West Sussex
RH10 9QZ

Tel: +44 (0)1293 548301

www.frontierpitts.com
sales@frontierpitts.com



Finish:

Shotblasted, hot zinc sprayed, primed and finished with a final coat of polyurethane paint to a RAL number. This process provides a 20-year corrosion protection system for exterior, industrial polluted inland sites to BS 5493.

Operational speed:

Dependent on model and length, contact manufacturer for details.

Options

Size:

- Height:

- IWA 14 Terra 180 Hinged Gate: Up to 3000 mm.
- IWA 14 Terra G8 Sliding Cantilevered Gate: 2400/ 3000 mm (standard/ maximum).
- Terra Sliding Cantilevered Gate: 2400/ 3000 mm (standard/ maximum).
- Terra Swing Gate: 1000 mm (crash beam height).
- Terra Hinged Gate: Up to 3000 mm.
- Terra V Gate: up to 3000 mm.

- Length:

- IWA 14 Terra 180 Hinged Gate: Up to 6000 mm.
- IWA 14 Terra G8 Sliding Cantilevered Gate: Up to 8000 mm.
- Terra Sliding Cantilevered Gate: Up to 6000 mm.
- Terra Swing Gate: Up to 6000 mm.
- Terra Hinged Gate: Up to 5000 mm.
- Terra V Gate: Up to 9000 mm.

Product specification

Manufacturer

- Name: Frontier Pitts Ltd
- Web: www.frontierpitts.com
- Email: sales@frontierpitts.com
- Tel: +44 (0)1293 548301
- Fax: +44 (0)1293 560650
- Address: Crompton House, Crompton Way, Manor Royal Industrial Estate, Crawley, West Sussex RH10 9QZ

Product reference IWA 14 Terra 180° Hinged Gate
IWA 14 Terra G8 Sliding Cantilevered Gate

Frontier Pitts Ltd



PAS 68 Terra Sliding Cantilevered Gate Mk II
PAS 68 Terra Swing Gate
PAS 68 Terra Hinged Gate
PAS 68 Terra V Gate

Size (h x l)

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Colour

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Actuation/ Safety

Not applicable - For manual operation.
Audible alarm/ flashing beacon
Induction loop/ Vehicle detector loop system
Light curtain
Pedestrian guard rail, 1000 mm high - To prevent the gate closing on a person or vehicle.
Pedestrian guard rail, 2000 mm high - To prevent the gate closing on a person or vehicle.
Photocell
Safety edge
Signage
Ultra sonic sensors

Access Control

Card reader
Digital keypad
Radio control system
Remote push button

Gate infill

Not applicable - For Terra Swing Gate.
Not required
Acoustic solid
Bar
Bar and Weldmesh
Ornate
Palisade
Perforated steel sheet
Weldmesh
Wooden clad gate

Top protection

Not applicable - For Terra Swing Gate.
Not required
55 mm serrated edge
Barbed tape
Barbed wire

Accessories

[None]
[100 mm diameter red/ green LED traffic light head with monitored safety circuit]
[200 mm diameter red/ green LED traffic light head with monitored safety circuit]
[Extra fast operation] - Contact manufacturer for details.
[High security cabinet]
[Locking bolt]
[Manual disengaging box] - For Sliding Gates only.
[Manual release valve] - For Hinged Gate only.



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[Uninterrupted power supply (UPS)] - To allow a number of operations in the event of a power failure.