

ANTI TERRA

Terra Hinged Gate



FRONTIER PITTS INTRODUCES THE TERRA HINGED GATE, DESIGNED TO STOP 7500kg TRAVELLING AT 50mph (80km/hour) IN ACCORDANCE WITH BSi PAS 68

Frontier Pitts dedicated research and development team have further developed the structure of the Terra Road Closer to produce the Terra Hinged Gate. The Terra Hinged Gate has been developed from the Terra Road Closer, a horizontally opened, hinged reinforced beam, has been impact tested in accordance with the BSI PAS 68:2007 specification. The test was conducted to prove the arresting capability of the Terra Road Closer with a beam length of 3500mm, when impacted with a 7500kg test vehicle at a speed of 80km/hour (50mph).



Terra Hinged Gate in the opened and closed positions

High Security fencing to BS 1722 mounted on the beam produces a gate leaf. High Security Infill options available are intermediate security welded mesh three metres high, topped with barbed taped concertina to BS1722 Part 14, or an anti-intruder welded mesh infill 2.4 metres high, and topped with 3 strand of barbed wire to BS1722 Part 10.

Similarly to the Terra Road Closer, the Terra Hinged Gate is designed to successfully stop and immobilise a 7500kg vehicle travelling at 50mph (80kmp). The Terra Hinged Gate is available with a gate leaf width of up to 4500mm. The manually operated hinged beam can be automated using either our Trojan surface mounted or our Trojan Underground actuators. In the closed position the beam can be securely locked using a powered locking bolt and a high security Gate Shield locking device. The hinged pin which allows the beam to swing open can be manufactured in lengths of 75-100mm.



Terra Hinged Gate with infill to BS1722 Part 10 Anti-truder fence, topped with 3 strands of barbed wire.



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A latch back post comes as standard with the manual Terra Hinged Gate to allow the gate leaf to be locked whilst in the open position.

Positioned back from the Terra Hinged Gate, the gate leaf can be locked to the post again using a high security Gate Shield locking device or a Class 2 padlock.

Key features of the Terra Hinged Gate include automation with a range of operating speeds, secure locking, and a choice of solid infills to fulfil the level of security required on each unique site. The Terra Hinged Gate requires minimal foundation depths of only 350mm, which can be made deeper to reduce the surface area, suiting individual requirements.

This is a major breakthrough in high security, anti-terrorist barricades. These impact test results have been witnessed by CPNI (Centre for the Protection of the National Infrastructure), previously NSAC (National Security Advice Centre), plus NICC; the UK Governments Advisory Body for Security. The Terra Road Closer and the Terra Hinged Gate, like all Frontier Pitts products, are all designed, built and CE marked in the UK to the most stringent international standards

Frontier Pitts have developed the Terra Road Closer and the Anti Terra series to meet the requirements of our customers at Airports, Embassies, Palaces, Government Institutes and Military bases around the World.

The Anti Terra range includes the Terra Blocker, Terra Bollards, the Terra Beam, the Terra Barrier and the Terra Gate, which has been impacted in both the fully closed and half open positions, without the need for repair.

Frontier Pitts Terra Hinged Gate is available in widths up to 5000mm. Further details available at www.frontierpitts.com or by telephoning +44(0)1293 422800.



Terra Hinged Gate with infill to BS1722 Part 14 Anti-truder fence, topped with barbed tape concertina



Terra Road Closer impact test results