

ATSGX-80



THE NEW ATSGX-80 HALF OPENED SLIDING GATE WAS SUCCESSFULLY CRASH TESTED, STOPPING 7,500kg TRAVELLING AT 80km/Hour & CONTINUING TO OPERATE AFTER IMPACT

The Leading Manufacturer of
Perimeter Security Equipment

Introducing the first crash-rated half opened sliding gate on the marketplace to surpass the highest industry standards in the World. The results prove that the gate does not need to be in the fully closed position to withstand an impact.



For more than seventy-years Frontier Pitts has been at the forefront of new security ideas and has pioneered several perimeter security innovations. Following months of in-house design and computer simulations, the new ATSGX-80 was successfully tested by TRL Crash Laboratories in December 2005, to certify further what is believed to be the strongest Sliding gate in the world.

The test was conducted to prove the arresting capability of a Frontier Pitts ATSGX-80 Sliding Gate in the half opened position when impacted with a 7500kg test vehicle at a speed of 80km/hour (50mph). In accordance with the Department of State test standard SD-STD-2.01 Revision A, Certification Class K12, a European lorry was used to act as the test vehicle, loaded with concrete blocks and fitted with test sensors, to meet the demanding specifications for this test laid down by the DOS.

Frontier Pitts was confident that the ATSGX-80 would endure the toughest test and achieve the most difficult standard, whilst continuing to operate after the impact. K12 testing denotes that the vehicle must be travelling at a minimum of 80km/hour on impact, which equates to over 3 times the amount of stopping energy created by the K4 standard testing. L3 means that the test vehicles' penetration must be less than 1m.

On impact the ATSGX-80 Sliding Gate brought the vehicle to a complete halt with zero penetration onto site or past the impacted face of the unit. The ATSG is the only gate in the World to be impacted in both the fully closed and the half opened positions without the need for repair.



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FRONTIER PITTS

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Even after the impact the ATSGX-80 was fully functional and the operating mechanism continued to open and close the gate leaf. This impressive test result has proved not only the stopping power of this equipment, but also the reliability and fortitude of the design. No other company in the World can offer a product which can surpass the standards for Department of State Certification and PAS 68-69 standards, in both fully closed and half opened positions, and continue to operate immediately after the impact, especially without needing repair. This is a major breakthrough in high security, anti-terrorist barricades, which was witnessed by NSAC (National Security Advice Centre); the UK Governments Advisory Body for Security.

Frontier Pitts have developed both the ATSG and ATSGX to meet the requirements of our customers at Airports, Embassies, Palaces, Government Institutions and Military Bases around the World. Key features of the Frontier Pitts crash-rated ATSG and ATSGX sliding gate models are operating speeds of up to 2m/second and shallow foundation requirements of only 280mm, allowing installation of the gate even on sites where underground services exist.

The new ATSGX-80 is part of Frontier Pitts Anti-Terrorist Series. Other products in the range include the ATTB-80 Roadblocker, which was successfully tested by MIRA (independent crash laboratories) in February 2005, and the ATRB-80 Hydraulic Bollards, which were successfully tested by TRL in October 2005. The ATSG-80 Sliding Gate was tested in the fully closed position by TRL in November 2005. Frontier Pitts has also been accredited with ISO 9001, certifying quality in sales, customer service and manufacturing.



The Frontier Pitts crash-rated ATSGX-80 is available in widths of up to 4000mm and height of 3000mm, with foundation depth of only 280mm required. A bi-parting pair of ATSG Sliding Gates can secure an aperture of up to 8000mm wide.

Further details are available at www.frontierpitts.com or by telephoning +44 (0) 1293 422800.



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In accordance with Frontier Pitts policy of continual development, we reserve the right to make changes, improvements or amendments to any product at any time without prior notice. All items are offered subject to availability.

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