

FRONTIER
PITTS



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LONDON 2012 GAMES

LONDON 2012 OLYMPIC GAMES

Frontier Pitts at the London 2012 Games

Frontier Pitts are pleased to announce that they have received official supplier designation by the British Olympic Association for Suppliers of Security Barriers, Blockers and Gates to the London 2012 Games.

During the London 2012 Games, Frontier Pitts protected various Olympic sites including the **Olympic Park, Greenwich Park, Old Trafford** and **St James Park**.

Three pairs of Frontier Pitts PAS 68 Terra V Gates were installed at Greenwich Park during the games. The venue held the equestrian events and the riding and running parts of the modern pentathlon events. VIP attendees to Greenwich Park during this time included members of the Royal Family. After the games, our client described the Terra V Gates as the **'Best Security Gates of the London 2012 Games'**.



The Terra V Gates are a pair of bi-parting hinged gate leaves that secure in a shallow 'V' shape. The Hostile Vehicle Mitigation (HVM) Gates were successfully impact tested to

PAS 68 stopping a 7500kg vehicle travelling at 50mph (80kph) which equates to 1852kJ. Zero penetration on to site and product remained fully functional after impact.

The primary function of the **PSSA Verified Terra V Gates** was to enable legitimate site vehicle access and egress whilst stopping any hostile vehicle that may try to enter by ramming. Such clients for this type of HVM product include high security establishments and **Critical National Infrastructure** sites.

OLD TRAFFORD

PAS 68 Terra Surface Mount Blockers



Terra Surface Mount Blockers at the Old Trafford site



Insecure View



Terra Blocker

Manchester United Football Club's home Old Trafford was the venue that hosted the Olympics Football Tournament. Frontier Pitts PAS 68 Terra Surface Mount Blockers protected this venue and the blockers have remained as part of the Olympics Legacy program.



Secure View

The HVM Terra Surface Mount Blockers are the only surface mounted blocker to be successfully **impact tested to the BSi PAS 68 specification** and remain bolted in its original position during and after impact. As the blockers name suggest, they are manufactured with Surface Mount Technology, requiring no foundations. A concertina skirt finishes the product and prevents potential trapping areas. A flush mount installation is also available. Similarly to the original Terra Blocker and Terra Shallow Blocker, the hydraulically driven HVM Terra Surface Mount Blocker has been successfully impact tested to PAS 68 stopping a 7500kg vehicle travelling at 50mph (80kph) which equates to 1852kj. On impact the blocker stopped the vehicle within the aperture.

DROP ARM BARRIERS

Automatic & Manual Barriers

Newcastle United Football Club's home St James Park was another venue that hosted the Olympics Football Tournament. **Frontier Pitts PAS 68 Compact Terra Barriers** proved the perfect protection for this venue.



The PAS 68 impact tested **Drop Arm Barrier** that looks like a standard car park barrier, and is hydraulically powered for reliability & strength. Successfully PAS 68 impact tested stopping a 3500kg vehicle travelling at 30mph (48kph) which equates to 311kJ. On impact, the gate stopped the vehicle within the aperture.

At the Olympic Park numerous **Frontier Pitts Garrison Manual Rising Arm Barriers** were installed as a traffic control measure at certain key access control points. This counter-balanced vehicle barrier is easy to operate with lifting handle and locking bar, and installed to obstruct or permit vehicle access.

The Garrison Manual Barrier is available with a boom length up to 7.5m, and with a lower folding skirt up to 5m. End rests are recommended for booms over 4 metres. The Boom is manufactured from aluminum, with a choice of finishes; either white with red stripes or yellow with black stripes. Pedestal and fixed end rests are shot-blasted to clean metal, hot zinc sprayed.



“ The gates remained totally reliable throughout the games period. Frontier Pitts showed a very professional approach and coped well with various design changes, gave an excellent back up service and I would recommend there services on other schemes. ”

Grant Lemmon, Project Director of FM Conway HVM



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29 Gold medals
17 Silver medals
19 Bronze medals

During the London 2012 Games, Team GB won **65 medals**.
Frontier Pitts would like to take this opportunity to praise and congratulate Team GB.
We are proud to have been part of such a successful Olympics!



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