

# SSFB Cobra Crash Tested Fixed Bollards

V7500(N2)/48/90:0/0  
V7500(N3)/80/90:10.6/11.1

Complete security solutions, from consultation to installation

The SSFB Cobra Range of Crash Rated Fixed Bollards discreetly protect sites where aesthetics and public perception are a consideration providing a practical Hostile Vehicle Mitigation (HVM) solution.

Security Solutions manufactures a complete range of PAS 68 Crash Rated Fixed Bollards suitable for every application. Using a standard design approach we offer site specific solutions whilst giving consideration to the installation conditions to provide protection from a range of determined threats from vandalism to the extreme of a Vehicle Borne Improvised Explosive Device (VBIED).

The range of SSFB Cobra PAS 68 fixed security bollards are designed and manufactured by engineers with significant experience in the fields of High Security and Access Control and have been independently physically impact tested in a number of full scale tests conducted in accordance with PAS 68 by the Transport Research Laboratory (TRL) both as a single bollard and dual bollard arrangements.

Security Solutions offers a complete turnkey solution from design to handover along with a comprehensive after sales support to meet your immediate and long term needs.

**CPNI's Reference Number Explained**

- V7500(N2)/48/90:0/0 & V7500(N2)/48/45:0/0**
- Test Method:** (VP.D) VEHICLE PENDULUM OR DESIGN
- Test Weight:** (KG) PLUS VEHICLE WEIGHT
- 80 & 48:** IS THE SPEED IN KM/H
- 90:** IS THE IMPACT ANGLE
- 0.0:** (FIRST DIGIT) IS THE VEHICLE PENETRATION
- 0.0:** (SECOND DIGIT) IS THE DISPERSION DISTANCE OVER 25KG PAST THE FRONT OF THE BOLLARD

Security Solutions,  
Phoenix House  
7 Riverside,  
Waters Meeting Road,  
Bolton BL1 8TU



**SSFB Cobra Crash Rated Fixed Bollards**

**Details** *Details correct at time of publication but design and specification may change at any time*

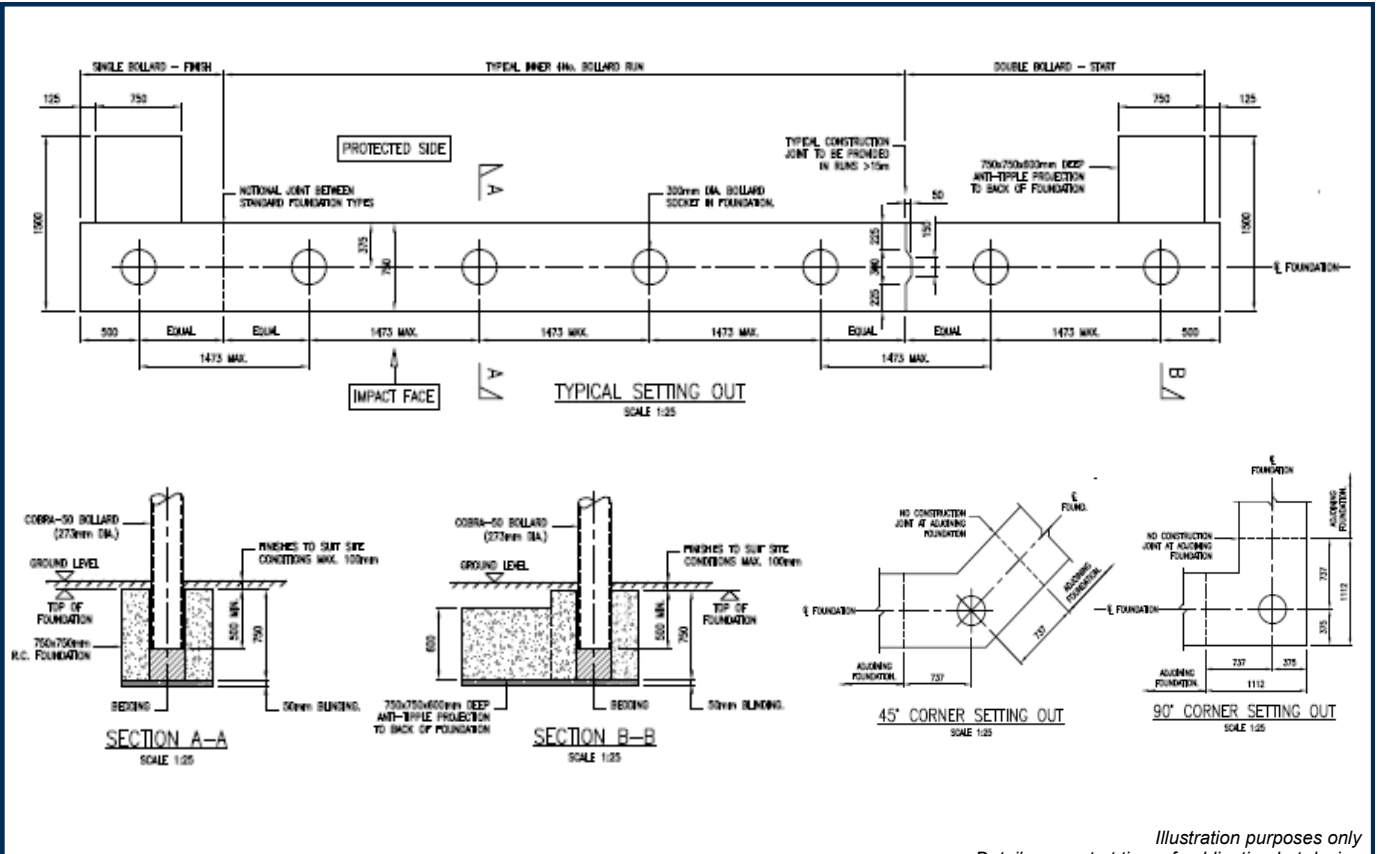
Specification	PAS 68 Rating	Vehicle Weight	Vehicle Speed
SSFB 30	7500(N2)/48/90:0/0	7500Kg	48kph
SSFB 50	7500(N3)/80/90:10.6/11.1	7500Kg	80kph

Applications:	Anti-Terrorist Applications, Embassies, Government Buildings, MOD Sites, Cash Handling Sites, Airports, Train Stations, Harbour Authorities, Shopping Centres, Banks, Palaces. This list is not exhaustive
Bollard Diameter:	219mm (48kph) / 273mm (80kph)
Bollard Height	1650mm Overall Length 1000mm Above Ground Level
Surface Finish:	Zinc Primed & Powder Coated in RAL or BS Colour, Options available for Galvanised, Stainless Steel or PU Sleeve

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## SSFB Cobra Crash Rated Fixed Bollards

### Our Products & Services

- Barriers**
- Blockers & Bollards**
- Turnstiles**
- Gates & Fencing**
- Access Control**
- Service & Maintenance**
- Project Management**

### Our Service - A Complete Solution

Security Solutions manufacture, install and maintain perimeter security equipment. With many years experience in the industry we offer a complete range of services including Design, Installation, Maintenance and Service of new and existing equipment.

We provide a range of high quality, cost effective physical access security solutions that meet or exceed the requirements of today's security conscious company.

Whether it be controlled entrance & exit to your site, control of your car parking, additional access points in your perimeter fencing or high security protection of your sensitive areas or products; Security Solutions has the answer to your problem.

We pride ourselves not only on the quality of our workmanship but also on the advice that can be provided from our experienced staff. If you are considering enhancing your current security we would be delighted to provide you with a no obligation site survey and quotation.

If you require more information or a representative to contact you, please call us directly on + 44 (0)845 604 8144