

# SP1000 SHALLOW MOUNT BOLLARD

Operation Type: Shallow Foundation, Fixed



ATG ACCESS

## SITES INSTALLED

- Canary Wharf Financial District
- Birmingham New Street Railway St.
- Australian High Commission, Malaysia
- German Bank, Frankfurt
- Heathrow Airport, UK
- Leadenhall, London
- St Thomas Hospital, London
- Wimbledon Tennis Club
- Nuclear Power Station, Undisclosed
- British Embassy, Baghdad
- Sydney Opera House, Australia
- White City, Baku, Azerbaijan
- British Embassy Athens

## PRODUCT OVERVIEW

The SP1000 shallow foundation, high security bollard is ideal for providing perimeter protection for sites at risk of the highest velocity attack. The product is available as a static shallow foundation or removable bollard.

Shallow foundation design enables effective perimeter protection to be installed within urban environments which typically have a dense network of underground services which cost a fortune to redirect. The shallow foundation units can be supplied in a multitude of shapes allowing bollards to be fitted around existing street furniture items such as bins and benches. This allows for bollards to be fitted easily around street corners and curved roads

Minimal time and disruption is needed to deploy shallow foundation products. The base plates are laser cut with directional arrows and part numbers which can be cross referenced to site layout drawings. This all ensures the installation of the product is straight forward.

The SP1000 shallow foundation static is available in two certified variants. The 150 mm deep shallow foundation static has been successfully tested with a 7,500 kg vehicle travelling at 80 kph. An even shallower version is also available requiring just 112 mm to install. This variant has been tested twice to withstand a 7,500 kg vehicle travelling at both 48 and 64 kph.

Can be supplied with reflective banding or DDA compliant banding to increase visibility for pedestrians.

## SECURITY RATING

PAS 68

Shallow Foundation Bollard:

112 mm:

V7,500(N2)64/90:1.2/3.1

150 mm:

V7,500(N2)80/90:5/14

## FINISHES

Hot-dip galvanised as standard. Alternatively, the product can be painted to any specified RAL colour or finished with a decorative sleeve.

## SP1000 SHALLOW FOUNDATION BOLLARD

	112 mm Depth Variant	150 mm Depth Variant
<b>Bollard Diameter</b>	305 mm / 323 mm (sleeved)	305 mm / 323 mm (sleeved)
<b>Height Above Ground</b>	1,000 mm	1,000 mm
<b>Foundation Depth</b>	112 mm	150 mm
<b>Finishes Available</b>	Hot-dip galvanised as standard. Can be painted to any RAL colour or fitted with a decorative sleeve.	Hot-dip galvanised as standard. Can be painted to any RAL colour or fitted with a decorative sleeve.
<b>Security Rating</b>	<b>PAS 68:</b> V/7,500(N2)64/90:1.2/3.1	<b>PAS 68:</b> V/7,500(N2)80/90:5/14

