

# SP1000 SHALLOW MOUNT BOLLARD



## Technical Specifications

	112 mm Depth Variant	150 mm Depth Variant
<b>Bollard Diameter</b>	305 mm / 323 mm (sleeved)	
<b>Height Above Ground</b>	1,020 mm	1,000 mm
<b>Foundation Depth</b>	112 mm	150 mm
<b>Finishes Available</b>	Galvanised as standard. Can be powder coated to a specified RAL finish or fitted with an aesthetic sleeve (323 mm) which can feature bands if required.	
<b>Security Rating</b>	<b>BSI PAS 68:</b> 2007 V/7500/64:1.2/3.1 <i>Minimum tested array – 3 units</i>	<b>BSI PAS 68:</b> 2007 V/7500/80:5.0/14.0 <i>Minimum tested array – 3 units</i>  <b>IWA 14-1:</b> 2013 V/7200[N2A]/80/90:5.3 <i>Minimum tested array – 5 units</i>
<b>Operation Type</b>	Shallow Foundation, Fixed	



**ATG**

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### 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 that 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 straightforward.

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 both 64 and 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.

The product can be supplied with reflective banding or DDA-compliant banding to increase visibility for pedestrians.