

# SP400 SHALLOW FOUNDATION BOLLARD

**Operation Type:** Shallow Foundation, Fixed



## PRODUCT OVERVIEW

The ATG Access SP400 Shallow Foundation Bollard range includes a shallow foundation fixed and lift-out variant. The range also includes the industry's first impact tested lift-out product installed directly and impacted within a suspended slab foundation.

The SP400, impact tested bollard has a slim profile making this product aesthetically pleasing and able to be fitted with a multitude of sleeve and street furniture options

The fixed shallow foundation, high security SP400 bollard can be installed within a foundation depth of just 176 mm. This 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 or move.

The shallow foundation base units can be supplied in many shapes (including custom shapes) allowing bollards to be fitted around street corners and existing street furniture items such as bins and benches.

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, causing minimal disruption to site and street scenes.

## SECURITY RATING

**Shallow Foundation, Fixed Bollard:**  
PAS 68: V/7,500(N2)48/90:0/0

## FINISHES

Galvanised as standard; alternatively, this product can be painted to any specified RAL colour or finished with a decorative sleeve. This product can even be incorporated into street furniture if required.

## SP400 SHALLOW FOUNDATION BOLLARD

	Shallow Fixed Bollard
Bollard Diameter	203 mm / 219 mm (sleeved)
Height Above Ground	986 mm
Foundation Depth	172 mm (plus surface finishing)
Finishes Available	Galvanised as standard, can be painted or sleeved.
Security Rating	PAS 68: V/7,500(N2)48/90:0/0

