

# SURFACE MOUNTED BOLLARDS

Operation Type: Surface Mounted, Fixed



**ATG ACCESS**

## SITES INSTALLED

- Arndale Centre, Manchester
- London Olympics 2012



## PRODUCT OVERVIEW

The Rapid Deployable, Surface Mount Bollard system is one of the world's first impact tested surface mounted bollard systems, providing PAS 68 certified impact protection.

Installation and removal of the product is straightforward and rapid. The array of bollards can be utilised when heightened security measures are needed as a temporary security measure.

The system can either be bolted at each end of the array or anchored using ballast. This could be a planter a temporary fence system, a highway barrier, or a product from the National Barrier Asset stock.

Six bollards can be deployed in just over ten minutes and in this instance, using planters to pin the array at each end.

The temporary security solution can be used to protect an internal or external perimeter. The bollard system can be installed on a more permanent basis if required if site security requirements change.

This product will not only stop vehicle borne, explosive attacks; it will also provide an intelligent solution for temporary security against attacks where vehicles are used as the weapon.

The surface mounted bollard configuration has been tested as a stand-alone system and in conjunction with the Hesco Bastian and Highway Care fence technology.

## SECURITY RATING

**PAS 68:**

**Bolted at each end of the array -**  
V/7500(N2)/48/90:0.0/0.0

**Anchored at each end of the array -**  
V/7500[N2]/48/90:2/0

## FINISHES

Powder coated in black as standard. For any alternative finishes required, please consult with our technical team.

## SURFACE MOUNTED BOLLARD SYSTEM

Surface Mounted Bollard System	
<b>Bollard Diameter</b>	203 mm
<b>Height Above Ground</b>	1,026 mm (including surface plate)
<b>Foundation Depth</b>	Surface Mounted – 0 mm
<b>Finishes Available</b>	Powder coated in black as standard. For any alternative finishes required, please consult with our technical team.
<b>Security Rating</b>	<b>Bolted PAS 68:</b> V/7,500(N2)48/90:0.0/0.0 <b>Anchored PAS 68:</b> V/7,500[N2]48/90:2/0



**Surface Mounted Bollards Installed Inside a Shopping Centre**