

# SURFACE MOUNTED BOLLARDS

Operation Type: Surface Mounted, Fixed



## 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 reused when heightened security measures are needed to perform as a temporary security measure. Ground surfaces are unharmed as no bolts are required. The bollard array simply needs an anchor point at either side such as a planter or a temporary fence system.

It is simply the best temporary, pedestrian permeable security solution available on the market.

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

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

SURFACE MOUNTED BOLLARD SYSTEM	
	Surface Mounted Bollard System
<b>Bollard Diameter</b>	203 mm, 219 mm sleeved
<b>Height Above Ground</b>	1,026 mm (including surface plate)
<b>Foundation Depth</b>	Surface Mounted
<b>Finishes Available</b>	Hot-dip galvanised as standard. Can be painted to any RAL colour or fitted with a decorative sleeve.
<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*