

# EXCALIBUR SECURITY BOLLARD

Operation Types: Fixed Security Bollard



ATG ACCESS

## SITES INSTALLED

- Heathrow, Terminal 5
- Union Square, Aberdeen
- St Pancras Eurostar Terminal
- Liverpool Lime Street Station

## PRODUCT OVERVIEW

The Excalibur, manganese steel bollard is available in two certified variants. The product can be supplied with either a 90 mm or a 125 mm diameter.

Manganese steel is a unique material which has extreme anti-wear properties, is very resistant to abrasion and has high impact strength.

All of these characteristics make the material ideal to be used within high security bollard manufacture and design. The Excalibur bollard can be supplied in its raw state, painted to any RAL colour specified or fitted with an aesthetic sleeve. The bollards slim profile makes this product versatile to be able to fit into any schemes aesthetics.

### 90 MM VARIANT

Successfully tested to withstand a 1,500 kg vehicle travelling at 30 mph, achieving no impact penetration; this product is ideal to provide perimeter protection for sites at risk of a low velocity attack. A shallow foundation product only requires 300 mm of depth to install.

### 125 MM VARIANT

Successfully tested to withstand a 7,500 kg vehicle travelling at 20 mph, achieving no impact penetration; this product is ideal to protect urban, pedestrianized areas from vehicular attack. The 125 mm variant is also available as a lift-out bollard allowing occasional access to vehicles if required.

## SECURITY RATING

### 90 mm Model:

PAS 68: V/1,500(M1)/48/90:0/0

### 125 mm Model:

PAS 68: V/7,500(N2)/32/90:0/0

## FINISHES

Manganese steel bollard which can either be painted to a specific RAL colour or fitted with an aesthetic sleeve

## EXCALIBUR BOLLARD STATISTICS

	Fixed – 90 (d)	Fixed – 125 (d)
<b>Bollard Diameter</b>	90 mm	125 mm
<b>Height Above Ground</b>	1,000 mm	1,000 mm
<b>Foundation Depth</b>	300 mm	300 mm
<b>Finishes Available</b>	Manganese steel core which can be painted to any RAL colour or fitted with an aesthetic sleeve	Manganese steel core which can be painted to any RAL colour or fitted with an aesthetic sleeve
<b>Security Rating</b>	PAS 68: V/1,500(M1)/48/90:0/0	PAS 68: V/7,500(N2)/32/90:0/0