



## PAS 68 HVM Shallow Static Terra Venus Bollard - 7.5t At 30 mph

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### Detailed description

The Shallow Static Terra Venus Bollard is an HVM Terra Bollard which has been impact tested to the British PAS 68 Specification, stopping a 7.5 tonne vehicle travelling at 30 mph.

PAS 68 Classification Code: V/7500[N2]/48/90:3.3/0.0. Impact tested in a set of three Bollards.

A range of sleeves finishes and tops also available.

Static HVM Terra Bollards have been proven to stop vehicles, providing HVM (Hostile Vehicle Mitigation), counter terrorist, impact-resistant barriers preventing Vehicle as a Weapon attacks.

All made to order. A PSSA Verified Product, Secured by Design and are listed on the CPNI List of IWA 14 and PAS 68 products.

### Applications:

Suitable for high security sites where there is limited foundation depth (typically inner city), however a complete HVM Perimeter is required. Also, public realm, crowded places and/or pedestrianized areas where vehicles are not permitted. Shallow Static HVM Bollards are also used between automatic HVM products to ensure the installation meets PAS 69 installation guidance of 1.2 m maximum distance between upright faces.

### Product guidance - As Standard

#### Distance between uprights (maximum):

For the British PAS 68 Impact tested bollards to be installed in accordance with PAS69, bollards should be installed with 1200 mm between upright bollard faces.

#### Lifted height/ height above ground:

1000 mm.

#### Diameter:

219 mm.

#### Foundation requirements:

Embedment 300 mm.

### Options

#### Finish:

Shotblasted, hot zinc sprayed, primed polyester powder coated to RAL number. This process provides a 20-year corrosion protection system for

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exterior, industrially polluted inland sites to BS 5493.

## Product specification

### Manufacturer

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Industrial Estate, Crawley, West Sussex RH10 9QZ

<b>Product reference</b>	PAS 68 Standalone Shallow Static Terra Venus Bollard
<b>Finish</b>	Polyester powder coated - Insert RAL colour requirement.
<b>Sleeve</b>	Stainless Steel 1.4303 (308) grade Stainless Steel 1.4401 (316) grade Stainless steel bead blasted
<b>Bollard Sleeve Topping</b>	Flat Mitre Semi-domed
<b>Reflective Banding</b>	None Recessed/ Surface Single/ Double