



## PAS 68 HVM Manually Operated Rising Terra Quantum Bollard - 7.5t At 30 mph

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### Detailed description

The manually operated bollard shallow depth side folding rising/ retractable Hostile Vehicle Mitigation (HVM) Terra Bollard which has been impact tested to the International IWA 14 Specification, stopping a 7.2 tonne vehicle travelling at 30 mph resulting in zero penetration. HVM Bollard is manually operated using a manual handpump. The rising/retractable bollard is twinned with a static/removable unit. IWA 14 Classification Code: V/7500[N2]/48/90:0.0/1.5.

A BSi PAS 68 certified side folding bollard.

All made to order. Compliant with BS EN 13849, A PSSA Verified Product, Secured by Design and are listed on the CPNI List of IWA 14 and PAS 68 products.

### Applications:

Suitable for public realm, crowded places and/or pedestrianized areas where vehicles are not permitted. Terra Bollards have been proven to stop vehicles, providing HVM, counter terrorist, impact-resistant barriers preventing Vehicle as a Weapon attacks.

### Product guidance - As Standard

#### Distance between uprights (maximum):

For the International PAS 68 Impact tested bollards to be installed in accordance with PAS 69, bollards should be installed with 1200 mm between upright bollard faces.

#### Lifted height/ height above ground:

925 mm.

#### Diameter:

219 mm.

#### Foundation requirements:

Foundation 450 mm.

### Options

#### Finish:

Shotblasted, hot zinc sprayed, primed and finished with a final coat of polyurethane paint to RAL number. This process provides a 20-year corrosion protection system for exterior, industrially polluted inland sites to BS 5493.

### Product specification

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## Manufacturer

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<b>Product reference</b>	PAS 68 Manual Rising Terra Quantum Side Folding Bollard
<b>Finish</b>	Polyester powder coated - Insert RAL colour requirement. Stainless steel clad
<b>Sleeve</b>	Stainless Steel 1.4303 (308) grade Stainless Steel 1.4401 (316) grade Stainless steel bead blasted
<b>Reflective Banding</b>	None Recessed/ Surface Single/ Double
<b>Lift height</b>	925 mm
<b>Actuation/ Safety systems</b>	Manually operated using a handpump
<b>Accessories</b>	[None] [Manual hand pump]