

---

## Tender Description

---

### **M50 fixed shallow mounted bollard**

with base supports for shallow mount installation.  
Bollard system can be adapted on site for corner applications.

#### **IMPACT LOAD/KINETIC ENERGY:**

1852 kJ (7.5 t @ 80 km/h)  
Crash test certified according to PAS 68:2013 V/7500[N3]/80/90:0.4/15.4,  
IWA 14-1:2013 V/7200[N3C]/80/90:0.8 and ASTM F2656-07 M50/P1  
(triple unit)

#### **DESIGN**

Bollard diameter: 355 mm  
Blocking height: 1100 mm  
Total height 1552 mm  
Wall thickness: 30 mm  
Total WxD of base support construction: 900 x 1555 mm  
Welded on steel top plate  
Optional: screwed on steel top plate, in galvanised finish  
or coated in colour of blocking element

#### **BOLLARD TOP LIGHTING (optional)**

Ufo-shape, red, white or yellow

#### **FINISH**

Coated in Standard RAL colour 6005, 7016, 7030, 7035 or 9010  
Coated in Special RAL colour (Optional)  
Coated in DB colour (Optional)  
Fitted with stainless steel sleeve and screwed on top plate (Optional)  
Fitted with stainless steel sleeve and welded on top plate (Optional)

#### **WEIGHT**

620 kg per bollard

#### **FOUNDATION:**

W x L x D = 4500 x 2500 x 400 mm (triple unit)  
Top edge foundation = 100 mm below finished floor level  
Reinforced foundation according to manufacturer's instructions

#### **MANUFACTURER:**

Perimeter Protection Germany GmbH  
Johann-Reineke-Str. 6-10  
D-33154 Salzkotten  
Tel. (+49) (0) 5258 / 500- 70

[www.perimeterprotection.net](http://www.perimeterprotection.net)  
[info@perimeterprotection.de](mailto:info@perimeterprotection.de)