



# Pallas Security fence post

## Demarcation / Welded mesh

The Pallas Security post combines high security with fast installation. Fence panels can be hung from a fastener and secured later in installation when all panels are in place.

Each post comprises of a cast iron plate fitted in a PA66+PA6 flame retardant housing, fixed with a one way bolt or shear bolt. The fastener system is secured by a high torque rivet nut in the steel post. The connections have been tested to withstand 5 minutes breakthrough resistance for Resistance Class 3 (RC3) tools per connection.

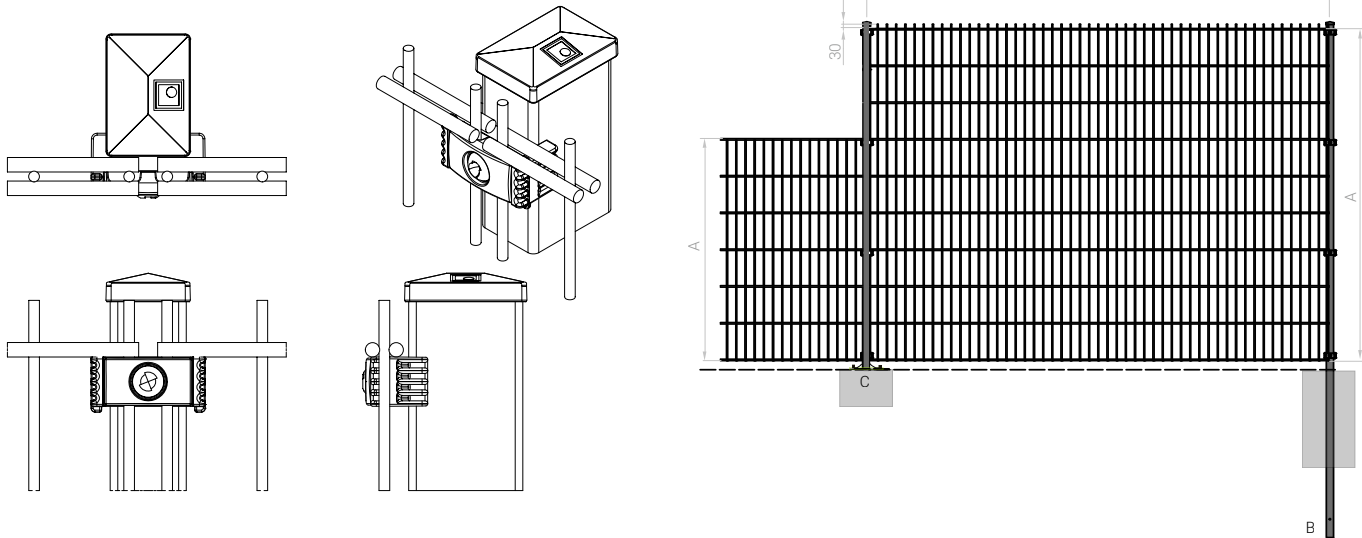
The posts come in pre-defined lengths to best suit the fence panel height and installation requirements:

- posts with a base plate are attached with chemical anchors to pre-poured concrete pads at ground level
- longer posts without base plate can be supported in a self-poured concrete foundation buried in the ground

The strong (60x40x2 mm profile) post is available hot-dip galvanized, or pre-galvanized and RAL powder coated.

- **choice of one-way bolt or shear bolt prevents the unscrewing of panels**
- **fastener allows for fence panel rotation to adapt to curved perimeter**
- **available in heights up to 3400 mm**
- **suitable for panel heights up to 2430 mm**
- **hot-dip galvanized or pre-galvanized and powder coated**

## Drawings (dimensions in mm)



## Technical specification

| Panel height (A) | Post length with concrete foundation (B) | Suggested installation depth | Post length with base plate (C) | Fastening points |
|------------------|--|------------------------------|---------------------------------|------------------|
| 800              | 1400                                     | 550                          | 900                             | 3                |
| 1000             | 1600                                     | 550                          | 1100                            | 3                |
| 1200             | 1800                                     | 550                          | 1300                            | 3                |
| 1400             | 2000                                     | 550                          | 1500                            | 4                |
| 1630             | 2400                                     | 750                          | 1700                            | 4                |
| 1830             | 2600                                     | 750                          | 1900                            | 4                |
| 2030             | 2800                                     | 750                          | 2100                            | 4                |
| 2230             | 3000                                     | 750                          | 2300                            | 5                |
| 2430             | 3200                                     | 750                          | 2500                            | 5                |

|  |  |
|--|--|
| <b>Material</b>                                      | Post: steel and PA6 plastic cap<br>Fastener: PA66+PA6, cast iron   |
| <b>Post profile</b>                                  | 60 x 40 x 2 mm   |
| <b>Finish</b>  | Pre-galvanized and powder coating (80 µm thick; 80 buchholz hardness) or hot-dip galvanized with/without powder coating  |
| <b>Colour (other colours available upon request)</b> | RAL 6005 (moss green)<br>RAL 6009 (fir green)<br>RAL 7016 (anthracite)<br>RAL 9005 (black)   |
| <b>Post connection</b>                               | Cast iron plate fitted in a flame retardant PA66+PA6 fixed with a one way bolt or shear nut. Fixed inside post with high torque rivet nut housing (RC3 tested) |
| <b>Post foundation</b>                               | Post in poured concrete foundation (standard)<br>Base plate (option)   |

## Certificates and Approvals

- intermediate/end posts are made from welded tubes according to EN 10219/1+2
- quality for coated tubes is DX51 + Z275 according to EN 10346
- quality for non-coated tubes is S235JR according to EN 10025, and hot-dip galvanized according to EN ISO 1461
- powder coating according to EN 5254
- clamps are stainless steel 1.4301 according to EN 1008
- fasteners are stainless steel A2 according to DIN 267-11
- Resistance Class 3 (RC3)
- CO<sub>2</sub> aware (level 3)

## Ordering information

Contact your local Heras office for precise ordering details.

## Suggested accompanying products

- Pallas panel
- Uni panel
- Electric fence
- Detection cable
- Barbed wire