Manchester Metrolink Phase 3A
Caddington Road Temporary Site Access at Chotlton High
Paladin Fencing and Gate Description

Paladin Gates

Paladin security gates are preferred for their innovative and unique appearance. They combine aesthetic appeal and simple installation with strength and security. Paladin gates have a strong, lightweight construction having improved performance against 'cut-through' and climbing, whilst providing clear visibility.



Paladin Fence

Welded panel fence, galvanized and plastic coated, with mixed mesh pattern, erected on square posts.



PLAN
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Welded Wire Mesh Panels

Welded mesh, eclectically welded at every intersection, galvanized and plastic coated. The panels incorporate pressed V-shaped beam sections running horizontally.

Mesh

- 12.5 x 50 mm minimum; 50 x 50 mm maximum
- Wire diameter : 3mm generally - 4 mm horizontally in V-beams
- Width of panel : 3025 mm
- Height of panel : 925mm, 1240mm, 1850mm, 2000mm, 2440mm

Accessories

- Clamp bars
- 25 x 5 mm slotted mild steel to match height of fence
- Colour :
- To match fence
- Security bolt
- M8 x 40 Stainless steel button head
- Colour :
- Black RAL 9005
- Washer
- M8 dia stainless steel flat washer

Coating of the panels

- Made from zinc coated wire to BS 443
- Minimum zinc coat weight : 60 g/m2
- Primer
- Polyester coated
- Thickness 100 microns minimum
- Colour :
- Green RAL 6005
- Black RAL 9005

Other colours on request

Coating of the posts

- Galvanized inside and outside
- Minimum zinc coat weight : 135 g/m2
- Primer
- Polyester coated
- Thickness 60 microns minimum
- Colour :
- Green RAL 6005
- Black RAL 9005

Other colours on request

Posts

- Welded square tubular posts with inserts for fixing the panels, with black plastic top cap.
- I/V 8.38 cm3 : section 60 x 60 x 2 mm

Bekaert Paladin 2000 Posts

Featuring M8 dia threaded inserts in the front face, this design of post eliminates unsightly and potentially hazardous nuts and bolts projecting beyond the fence, thus presenting a safer product with a neat and tidy appearance. The range is available in three formats:

- A basic system for general boundary/demarcation fencing.
- With 45° integral cranked extensions for three rows of barbed wire.
- With vertical extensions for three rows of barbed wire.
- Intermediate posts are supplied complete with 25 x 5 mm slotted clamp bars, M8 dia stainless steel tamper-proof bolts and washers and black plastic top cap.
- Corner posts with M8 dia threaded inserts in adjoining faces are supplied complete with two 25 x 5 mm slotted clamp bars and M8 dia stainless steel tamper-proof bolts and washers and black plastic top cap.