



**Q40 Fencing & Gates**

**Fencing Type:** SecureGuard® Temporary Fencing System

**Manufacturer:** Zaun Limited, Steel Drive, Wolverhampton, WV10 9ED

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**Product reference:**

[SecureGuard]. – 1.8–3.5 m height.

**Height:**

[ \_\_\_\_\_ ] - Insert requirements.

**Panel Termination:**

[Top of Barrier]

**Panel Fixings:**

[Standard]

**Fence Toppings:**

[CCTV Camera / Lighting Mount] [Barbed Wire] [Razor Coil] [Flat Wrap Razor Coil] [FST Topping]  
[Cranked Topping] [Other Topping] [None]

**Fence Accessories:**

[Perimeter Intrusion Detection System] [Not Required]

**Colour:**

[Galvanised Only] [Black RAL 9005] [Green RAL 6005] For installations within 500 metres of water or estuary [Marine coated Insert RAL/BS]

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## Gates:

Matching Mesh Gates available as:

[Not required].

[Single Leaf] Swing Gate (w:5000mm x h:3000mm maximum), [\_\_\_ m width x \_\_\_m height] [height and design to match fence] [Other please detail] 180° opening, tamper proof hinges. Supply as [Right hand hanging] [Left hand hanging], [Opening outwards] [Opening inwards] complete with slide latch.

[Double Leaf] Swing Gate (w:5000mm x h:3000mm per leaf maximum) [\_\_\_m width x \_\_\_m height] [height and design to match fence] [Other please detail] 180° opening, tamper proof hinges. Supply as [Right hand hanging] [Left hand hanging], [Opening outwards] [Opening inwards] complete with slide latch and drop bolts.

## Gate Operation:

[Manual]

## Gate Access Control:

[Manual key lock and handle]

## Gate Topping:

[CCTV Camera / Lighting Mount] [Barbed Wire] [Razor Coil] [Flat Wrap Razor Coil] [FST Topping] [Cranked Topping] [Other Topping] [None]

## Guidance for SecureGuard from Zaun Limited

More about SecureGuard: As standard - Options

As standard

## Panels:

Typically HiSec 358 welded mesh spacing of 76.2 mm vertical x 12.7 horizontal x 4 mm wire diameter. The horizontal wires are to be installed on the attack face of the fence. Weld strength 75% of the minimum tensile strength of the wire (tensile range of 540-690 N/m<sup>2</sup>). Available Galvanised Only **OR** Galvanised & polyester powder coated to pass 1,008 hour salt spray testing.

### Panel Termination

Panels terminated at finished ground level **OR** terminated 150mm below the top of the block.

## Posts:

Posts sizes are.

Post are galvanised square hollow section (SHS) through bolt 60mm x 60mm posts, each spaced at 3000mm centres. Post galvanised to BS EN 1461 as standard & polyester powder coated to pass 1,008 hour salt spray testing. Available Galvanised Only **OR** Galvanised & polyester powder coated.

### **Post to panel fixing:**

Panels fixed to posts with full height 70mm x 70mm x 5mm RSA bolted to the sides of the post and a 40mm x 5mm slotted clamp bar, M8 galvanised cup square round bolts, nuts and flat washers. Fixings at 400mm centres. Clamp bar available Galvanised Only **OR** Galvanised & polyester powder coated to pass 1,008 hour salt spray testing.

### **Gates:**

Framed in a 50mm x 50mm RHS with Zaun HiSec mesh bolted onto the frame, with slide latch. Gate supplied with rubber bump stop and two suitable gate posts. Vehicular access also supplied with drop bolts.

### **Conformity:**

Zaun mesh satisfies the requirements for Category 2 (Security) and Category 3 (High Security) fences as prescribed by BS EN 1722 Part 14 – Open Mesh Steel Panel Fences.

Upon receipt on site, or during storage off site, all care is to be taken to ensure that no damage is incurred and that all precautions are taken against vandalism and theft.

### **Installation:**

Set out and erect fencing as shown on drawings.

Gradients:

Only recommended on slight gradients

Panels:

Panels that are cut on site are to be made good using a zinc-etch primer paint, followed by a top coat of polyurethane repair paint.

Barrier

A metal barrier at 12 metres long, 800mm high and 400mm deep, weighing at 850kg. Placed into place using HIAB, Forklift or Moffett.

Fixings:

All correct fixings and components securely fixed.

### **Completion:**

Cleaning:

General: leave the works in a clean and tidy condition

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Surfaces: Clean immediately before handover

Gates: Test hinges, latches and closers and adjust to provide smooth operation. Lubricate where necessary. Provide manuals, keys and access controls.