



### Benefits

- Manufactured to the traditional 358 mesh pattern regularly associated with prisons
- Provides a flat, rigid and strong panel
- The tight welded mesh offers no climbing aids and mitigates attack by hand and powered tools.
- Open mesh pattern provides excellent visibility for use with CCTV and integrated detection systems.
- Single panel heights can be supplied of up to a maximum of 5.2 metres
- Fixed to posts using a full-length clamp bar
- Available either bolt down, in-ground or on wall
- Manufactured to BS1722 Part 14
- Wide range of colour options

### Features

1. Polyester Powder Coated Posts
2. 4mm Horizontal & 6mm Vertical Wires
3. Full Length Clamp Bar & Through Bolts, Nuts & Washers
4. Additional 4mm wires to the rear



Zaun's HiSec Plus is an anti-climb fencing system for security applications. Using the popular '358' welded mesh configuration on the attack face of the mesh, this unique panel also features additional wires to the rear to add additional strength and security to repel thieves, trespassers and intruders.

The HiSec Plus attributes make this system an excellent solution for security applications as the combination of increased vertical wire diameters of 6mm (compared to 4mm on standard 358) and double horizontal wires on the rear every 254mm provide a rigid and visually appealing option to the standard HiSec range. In addition, the close-mesh configuration of 76.2mm x 12.7mm ensures that it would be challenging to get a finger or foothold on the mesh fabric to scale and climb with additional climbing aids.

Using full-length clamp bars and fixings every 400mm (maximum), making it very difficult to lever and prize away from the post. The panel is flat against the post, and the panel ends are held against the post by a front plate which makes levering the panels off very difficult. The HiSec Plus system is available in single panels of up to 5.2 metres in height and 2515mm in width.

To ensure we can supply a complete, single solution, pedestrian and vehicle access solutions have also been carefully designed to address both aesthetic requirements and ensure the same security level of the mesh is maintained. Also ideal for integrating with CCTV, PIDs and security topping enhancements such as barb and razor coils, all supplied as part of a complete turnkey solution.



### Finish

All Zaun posts/panels/gates and painted auxiliary components (for example, clamp-bars, slide bolts etc.) benefit from a protective zinc layer and electrostatically applied polyester powder coating to BS1722 p16. Care is taken with pre-treatment to ensure sound adhesion between the zinc and paint layers. In a UK C1 environment, as defined in ISO 12944 p2, this should ensure a useful life expectancy of the fence of at least 15-20 years. Life expectancy in all environments can be extended by maintaining the fencing with regular washing. Useful life will be reduced if the fencing is damaged. Any coating damage should be repaired to reduce the effect on useful life. Enhanced painting systems such as marine coatings are also available for improved life expectancy in C2-C5M environments.

### Posts & Fixings

The HiSec Plus, anti-climb fencing system, features a post and clamp bar configuration, providing a simple and easy installation method. Supplied through bolts, washers and nuts and installed using either power or hand tools.

### Sloping Ground

Panels can be stepped as required on the post. However, it is recommended that taller panels are either part-buried or additional posts are used on steeper gradients. Panels can also be sloped to the following gradients within the panel's tolerance to post fixing.

### Variations

Posts are available in different lengths to accommodate panel heights and ground conditions. Additional variations are also available:

- Wall fixing, cranked posts or base plated.
- Cranked, V Shape or Top Hat extensions for barbed or razor wire
- Extended posts for CCTV, electric fencing, lighting or physical security devices

### Gates:

Pedestrian gates are single leaf 1.2m wide (or width to suit). Framed in a 100mm x 50mm RHS with Zaun HiSec Plus mesh bolted to the frame, with slide latch. Each gate features a rubber bump stop and 2 x suitable gate posts.

Vehicle access gates are double leaf (single leaf vehicle gates available) 3.0m wide (or width to suit). Framed in 100mm x 50mm RHS, Zaun HiSec Plus bolted to the frame, with drop bolts and slide latch. Each vehicle Gate features a rubber bump stop and 2 x suitable gate posts.

### Specification

**Height:** 2007, 2438, 2997, 4204, 5207mm

**Note:** Additional heights available upon request

**Panel Width:** 2515mm

**Mesh Size:** 76.2 x 12.7mm

**Wire Diameter:** 6mm Verticals

4mm Horizontals

**Top Edge Projection:** Minimal Projections

**Post Size:** 80 x 80mm / 120 x 60mm

(Dependant on height)

**Clamp Bar Size:** Full-length double-slotted clamp bar to suit post size, 5mm thick

**Post Centres:** 2525mm

**Fixing Centres:** Max. 400mm

**Fixings:** Through Bolts with Nuts & Washers

Note: Zaun manufactures 358 from cut to length line wires; the panels are not cropped. They are supplied as standard with short protruding wires top and bottom. If flush panels are required, this should be requested at the time of enquiry.

### Applications



### Drawings

DWG and PDF drawings available from our website [www.zaun.co.uk/drawings](http://www.zaun.co.uk/drawings)