



## ASTRA RAILING FENCE

### ECONOMIC & FLEXIBLE

- o Low maintenance with 5 years warranty as standard
- o Low cost using and investment
- o Flexible of dimension options

### ELEGANT

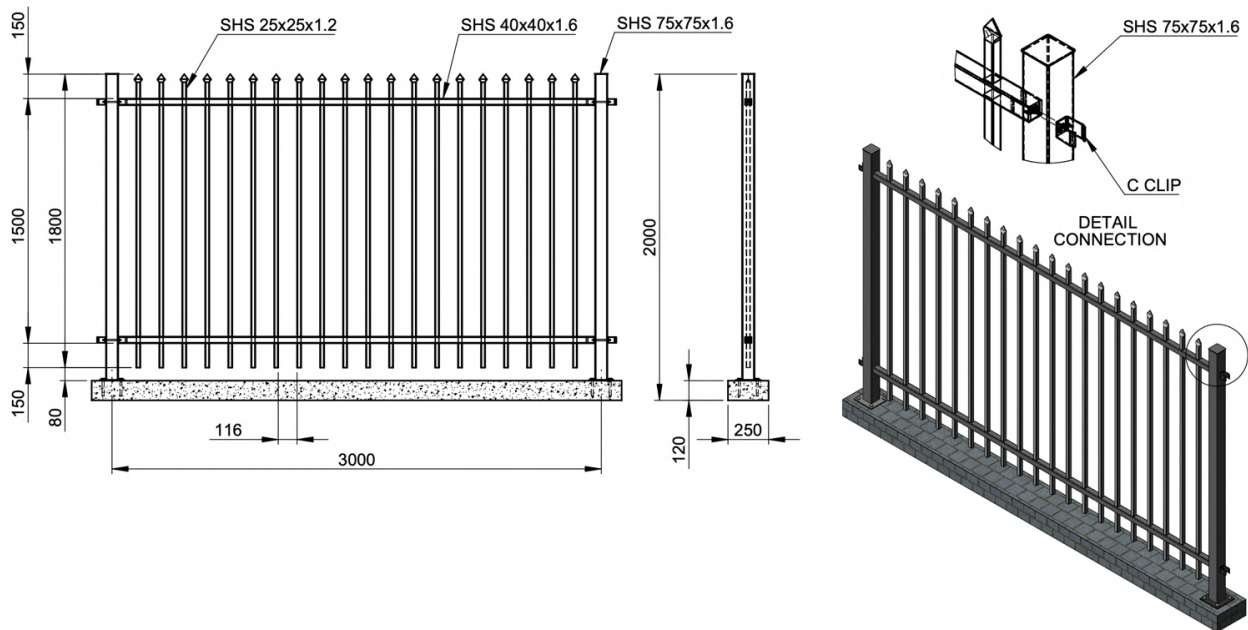
- o High-end and elegant appearance that enhance the beauty of the site.
- o UV resistant keep color.
- o Hidden connector and welding give strong and smooth appearance.

### EASY TO INSTALL

- o Modular design that allow easy & quick installation
- o Applicable for all types of configurations: Curves, Corners, Slopes, on walls...
- o Impossible to remove the panel once installed.

## ○ TECHNICAL SPECIFICATION:

### TYPICAL DRAWING:



#### MATERIAL SURFACE:

Pregalvanized steel Z275 (120g/m<sup>2</sup>/side) for horizontal bars  
Pregalvanized steel Z90 (40g/m<sup>2</sup>/side) for vertical bars and post

#### WELDING TYPE:

Steel

#### PAINTING PROCESS:

Full automatic coating process

#### FINISHING:

- STVS Modular standard with InterPon Polyester powder coating, exhibits a tougher cured film which provides superior damage resistance to packaging materials. It is designed to give excellent long term exterior durability and colour retenti. (G1)  
Film thickness: 80-120 micromet thickness

- For highly corrosion environment as C5, C5X, a epoxy primer layer need to be appllied under the top coat layer to enhance corrosion protection ability of the coating (G1 Plus)

#### PANEL:

- Panel height: 1180mm or 1480mm or 1980mm as standard  
Other dimension made to order
- Panel width: 2925 mm as standard  
2100 mm incase panel height > 2100mm
- Vertical bars section: 25x25x1.2 mm/ 20x20x1.2/ 16x16x1.2mm  
25x25x1.0 mm/ 20x20x1.0  
D27x1.2 mm / D21.2x1.2mm/ D16x1.2mm  
D27x1.0 mm / D21.2x1.0mm
- Vertical bar distant: ~115 mm
- Horizontal bar section: 40x40x1.6 mm
- Horizontal bar quantity: 2 or 3 bars

**POST:**

- o Post section: 75x75x1.6 mm
- o Post spacing: 3000 mm as standard  
2175 mm incase panel height > 2100mm
- o Post connection: Inner connection or Outer connection type



- o Flange (if need): 150x150x6 mm, flange use 4 wedge anchor bolt M12-100 with black pastic cap protect the top of the bolt.

**❖ ASTRA RAILING WARRANTY MATRIX:**

PAINTING SPECIFICATION		C2	C3	C4	C5	CX
<b>ASTRA PLUS FENCE</b>  <i>Tolerances for the anti-corrosion guarantee are defined based on ISO 4628-3 for the degree of rusting grade and ISO 4628-2 for the degree of blistering.</i>	<b>G1</b>	5	5	5	N/A	N/A
	<b>G1 Plus</b>	10	10	10	5	2

**Noted:**

*\*The anti-corrosion guarantee covers rust-related faults. It is based on the European standard ISO 12944, which defines precise corrosivity categories*