

Q40 Fencing and Gates

PROJECT:

To be read with Preliminaries/ General Conditions.

FENCING TYPE: **HFS STRIPE SYSTEM**

FENCING

Supplier: Headstart Fencing (Supplies) Ltd
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- **PANELS: HFS STRIPE SYSTEM**

Nominal Height: 1000, 2000mm/2400mm/3000mm

Width panels: 3025mm

Mesh and wire: Horizontals 6mm diameter set at 150mm maximum centres. Verticals 4mm diameter set at 40mm and 22mm centres. Galvanised & polyester powder coated Green RAL6005 / Black RAL9005, other colours on application.

- **POSTS: HFS RHS POSTS**

Galvanised rectangular hollow section 60x60 rhs with tamper proof fixings with steel clamp and permacone security fixings. Powder coated Green RAL6005/Black RAL9005, other colours on application.

Post centres: 3070mm nominal.

FIXINGS: Steel fixing clips with threaded inserts.

- **INSTALLATION**

- Set out and erect Fencing,
 - as shown on drawings

- Gradients

- Different gradients are achieved by stepping adjoining panels and/or reducing the post centres and width of panel giving a maximum gradient of 1 in 10 (10%)
- Steeper slopes will require extra long posts, manufactured to order.
- With posts set rigid, plumb and to specified depth, or greater where necessary to ensure adequate support.
- Panels that are cut on site are to be made good using a zinc-etch primer paint, followed by a top coat of Cromadex 222 polyurethane repair paint.
- With correct fixings all components securely fixed.

- **SETTING POSTS IN CONCRETE**

- Holes: Excavate neatly and with vertical sides.

- Concrete mix: GEN1 or ST2 – to BS EN 206-1 using 20mm nominal size graded aggregates.

- Alternative for small batch: the mix should not be leaner by mass than 1 part cement to 10 parts 20mm nominal graded aggregates.

- All concrete should be thoroughly compacted prior to the initial set.

- Exposed concrete foundations

- Filling: Compact until air bubbles cease to appear on the upper surface.

- Finishing: Weathered to shed water and trowelled smooth.

- **HFS SWING GATES OR HFS CUSTOM DESIGN**

- Standard Single and Double Leaf Swing Gates, to compliment and match the above HFS Stripe system, can be supplied by Headstart Fencing (Supplies) Ltd

- Gates can be either 90 degree or 180 degree opening, left or right hung – to suit the clients needs on site

- **COMPETENCE**

- The contractor shall employ experienced installers and provide qualified supervision to complete works as specified by the manufacturer.

