

Q40 Fencing and Gates

PROJECT:

To be read with Preliminaries/ General conditions.

FENCING TYPE: HFS CRIMPED FENCING SYSTEM

FENCING

Supplier: Headstart Fencing (Supplies) Ltd
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- **PANELS: HFS CRIMPED FENCING SYSTEM**
 - Nominal Height: 1.23m, 1.53m, 1.73m, 1.93m, 2.33m
 - Width panels: 2500mm
 - Mesh and wire: Welded mesh spacing 50mm x 5mm vertical x 200mm x 6mm horizontal. Reinforcing 'V'Beams are incorporated in the Width of each panel.
 - Galvanised & polyester powder coated Green RAL6005 / Black RAL9005 (other colours on request).
- **POSTS: HFS RHS POSTS**
 - Rectangular hollow section 60x40mm Intermediates
 - Posts are Galvanised and polyester powder coated Green RAL6005 / Black RAL9005 (other colours on request)
 - Post centres: 3.02m nominal.
- **FIXINGS:** Individual clips, threaded inserts and M8 anti-tamper bolts.
- **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 Crimped Fence, 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.