

## Q 40 Fencing and Gates

PROJECT:

To be read with Preliminaries/General Conditions.

**FENCING TYPE: HFS REBOUND MESH SYSTEM**

### FENCING

Supplier: Headstart Fencing (Supplies) Ltd  
Headstart House, 39 High Street, Ware, Herts. SG12 9BA  
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Contact: Kevin Hill

- **PANELS: HFS REBOUND MESH SYSTEM**

Nominal Height Rebound: 1.230, 2.030, 2.43, 3.030, 3.670, 4.070, 4.470, 5.070, 6.100m

Nominal Panel Width: 2505mm

Mesh & Wire: Welded mesh spacing 200mm vertical x 50mm horizontal x 6mm vertical and twin 8mm horizontal wires with the 2m high HFS Rebound panel incorporating additional horizontal wires to the courtside at 68mm c/c up to a height of 1.2m.

Finish: Galvanised only/Galvanised & polyester powder coated Green RAL 6005/Black RAL 6005.

- **POSTS : HFS RHS**

60x60 RHS - up to 2.43m high

80x40 RHS - 3.670m high

100x50 RHS - 4.070m & 4.470m high

120x60 RHS - 5.070m - 6.1m high

Nominal Post Centres: 2520mm

Finish: Posts are Galvanised and polyester powder coated Green RAL6005 / Black RAL9005 (other colours on request)

- **FIXINGS:** The welded mesh panels are located on the face of the post with full length clamp bar and security fixings.

- **INSTALLATION**

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

- Standard Single and Double Leaf Swing Gates, to compliment and match the above HFS Double Wire, 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.