

Q 40 Fencing and Gates

PROJECT:

To be read with Preliminaries/General Conditions.

FENCING TYPE: HFS 358 SYSTEM

FENCING

Supplier: Headstart Fencing (Supplies) Ltd
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- **PANELS: HFS 358 SYSTEM**

Nominal Height: 1270mm, 2135mm, 2440mm, 3000mm, 4200mm, 5200mm
Nominal Panel Width: 2515mm
Mesh & Wire: Welded mesh spacing 12.7mm vertical x 76.2mm horizontal x 4mm vertical and 4mm horizontal wires.
Finish: Galvfan or Galvanised and Polyester Powder Coated

- **POSTS : RHS**

Rectangular hollow section: 1270mm ,2135mm, 2440 60x60 RHS, 3000mm 80x60 RHS.
Nominal Post Centres: 2440mm
Finish: Hot Dip Galvanised to BS EN 1461 or Galvanised & Polyester Powder Coated.

- **FIXINGS:** Full length clamp bar, dome headed bolts and permacone security fixings.

- **OTHER:**

Method of setting posts: In concrete foundations to comply with the design loading requirements specified by British Standards for this category of fence.

- **INSTALLATION:**

- Set out and erect fencing:
 - As shown on drawings
 - Panels that are cut on site are to be made good using zinc-etch primer paints, followed by a top coat of 2 pack polyurethane repair paint.
 - With correct fixings and all components securely fixed.

- **COMPETENCE**

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

- **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 DESIGN**

- Standard Single and Double Leaf Swing Gates, to compliment and match the above HFS 358, 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.