

Q40 Fencing and Gates

PROJECT:

To be read with Preliminaries/ General Conditions.

FENCING TYPE: **HFS DOUBLE WIRE**

FENCING

Supplier: Headstart Fencing (Supplies) Ltd
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- **PANELS: HFS DOUBLE WIRE**
Nominal Height: 630mm/1030mm /2.030mm/ 2430mm / 3060mm / 4060mm / 4070mm/ 4470mm/ 5070mm/ 6100mm
Width panels: 2500mm
Mesh and wire: Welded mesh spacing 50mm vertical x 200mm horizontal x 6mm vertical and 8mm twin horizontal wires on the front and rear face of panel. Galvanised & polyester powder coated Green RAL6005 / Black RAL9005 (other colours on request).
Panels have a 30mm Barb to give additional security – if necessary, panel can be installed 'upside down' to achieve a flush edge
- **POSTS: HFS RHS POSTS**
Galvanised rectangular hollow section 60x60 Intermediates Posts up to 2430mm high, 80x40 intermediate posts up to 3670mm high, 100x50 intermediate up to 4470mm high and 120x60 intermediate posts for 5070-6100mm high.
Posts are Galvanised and polyester powder coated Green RAL6005 / Black RAL9005 (other colours on request)
Post centres: 2520mm nominal.
- **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
 - 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 TYPE DESIGN**

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