

Q40 Fencing and Gates

PROJECT:

To be read with Preliminaries/ General Conditions.

FENCING TYPE: **PARAMESH 3M (General Heights)**

FENCING

- Supplier/Manufacturer: Paramount Steel Fence, Florida Close, Hot Lane Industrial, Stoke on Trent, ST6 2DJ
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- **PANELS: PARAMESH 3M**
Nominal Height: 1800mm (1730) / 2000mm (2030) / 2400mm (2430)
(Heights greater than the above, can be achieved by multi lifting Panels)
Width panels: 3005mm
Mesh and wire: 5mm Vertical wires spaced at 55mm, 5mm Horizontal wires spaced at 200mm.
Reinforcing 'V' Beams are incorporated in the Width of each panel (3no on 1730 ; 4no on 2030 & 2430).
Panels have a 30mm Barb to give additional security – if necessary, panel can be installed 'upside down' to achieve a flush edge
Pre Galvanised & polyester powder coated Green RAL6005 / Black RAL9005 (other colours on request).
- **POSTS: PARAMESH RHS POSTS**
RHS 60x60x2.0mm Intermediate & Corner Posts
PARAMESH RHS Posts have threaded inserts, thus no protrusions on the rear face of the post
Posts should have 2no Additional threaded inserts, to allow for stepping, should the site require
Posts are Pre Galvanised and polyester powder coated Green RAL6005 / Black RAL9005 (other colours on request)
Post centres: 3025mm nominal.
- **FIXINGS: PARAFIX BRACKETS**
Paramesh 3M panels are to be located on the face of the post and secured using the Steel Parafix Brackets with M8 'anti tamper' bolts. These Brackets firmly clamp the end vertical wires, providing a secure fixing.
5no Parafix Brackets/Inter for 1730mm High, 6no Parafix Brackets for 2030mm High, 7no Parafix Brackets for 2430mm High
***Note**, an extra 2no Parafix Brackets, per post face, will be required, should stepping occur

INSTALLATION

- Set out and erect Fencing, as shown on drawings
- Installation should be undertaken by a qualified, competent experienced Fencing Contractor (Paramount Steel Fence can supply you with a selection, please ask for details):
- Sloping Ground : Different gradients can be achieved by stepping the Fencing Panels a maximum of 110mm per bay. Slopes steeper than this can be achieved either by cutting panels and introducing additional posts (reducing the post centres), or by using extra long posts (Contractor to recommend)
- Posts to be set plumb and to necessary depth – dependant on ground conditions
- Panels that are cut on site should be made good using a 2Pk Etch Primer (P68/P2599), a 2Pk Epoxy Primer(P842/P269), followed by a Vinyl Top Coat(P461). For Coastal & Heavy Industrial humid areas (river/salt environments) etc, the number of coats should be increased)
- Holes: Excavate neatly and with vertical sides.
- 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.

PARAMESH SWING GATES

- Standard Single and Double Leaf Swing Gates, to compliment and match the above PARAMESH 3M Fence, can be supplied by Paramount Steel Fence
- Gates can be either 90 degree or 180 degree opening, left or right hung – to suit the clients needs on site