

Q 40 Fencing and Gates

PROJECT:

To be read with Preliminaries/General Conditions.

FENCING TYPE: HFS PLAYGROUND – TO ROSPA GUIDELINES

FENCING

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

- **PANELS:** HFS PLAYGROUND BOW TOP – COMPLIES WITH EN1176
Nominal Height: 1.0m/1.2m
Nominal Panel Width: 2720mm
Bows: 14 no, 12mm or 16mm diameter bar at 96mm vertical centres
Finish: Galvanised & polyester powder coated to RAL colour
- **POSTS :** RHS
50x50 RHS with fitted nut insert
Nominal Post Centres: 2800mm
Finish: Galvanised & polyester powder coated to RAL colour
- **GATES:**
Hydraulic single leaf, self closing gate or standard swing gate
1m or 1.2m wide
HFS double leaf swing maintenance gate
- 3m wide
- **OTHER:**
- Method of setting posts: In concrete foundations to comply with the design loading requirements specified by British Standards for this category of fence.
- Conformity:
- Upon receipt on site, or during storage off site, all care to be taken to ensure that no damage is incurred and that all precautions are taken against vandalism or theft.
- **INSTALLATION:**
- Set out and erect fencing:
As shown on drawings
Gradients:
 - In the event of installing on sloping ground, posts must be erected vertically and panels can be manufactured to suit ground conditions.
 - 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 2 pack polyurethane repair paint.
- -with correct fixings and 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.

- **COMPETENCE**
- The contractor shall employ experienced installers and provide qualified supervision to complete works as specified by the manufacturer.