

Q40 Fencing

PROJECT:

To be read with Preliminaries/General conditions.

FENCING TYPE: TANGORAIL TR500 FLAT TOP RAILING SYSTEM

FENCING

- Manufacturer: Heras UK Fencing Systems, Herons Way, Carr Hill, Doncaster, DN4 8WA
Tel: 01302 364551 Fax: 01302 322401
E-mail: heras.sales@herasuk.co.uk Web: www.heras.co.uk
- **PANELS:** TANGORAIL TR500
Nominal Height: 1.0m/1.2m/1.5m.
Nominal Panel Width: 2735mm
Verticals: 22 No. 25mm diameter CHS at 103mm vertical centres.
Nominal Rake: 800mm Maximum (15.5 degrees)
Finish: Galvanised & polyester powder coated Green RAL 6005/Black RAL 9005.
- **POSTS** SHS
1.0m/1.2m/1.5m 60 x 60 x 2mm SHS with bendable angle cleat, m10x25 cup sq. bolt, shear nut and washer for SHS cleat to post fixing m8x80mm cup sq. bolt, shear nut & washer.
Finish: Galvanised & polyester powder coated Green RAL 6005/Black RAL 9005.
- **OTHER:**
Method of setting posts: In concrete foundations to comply with the design loading requirements specified by manufacturers technical specifications 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 rake 800mm maximum.
 - 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.
- **COMPETENCE:**

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

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- **SETTING POST 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.