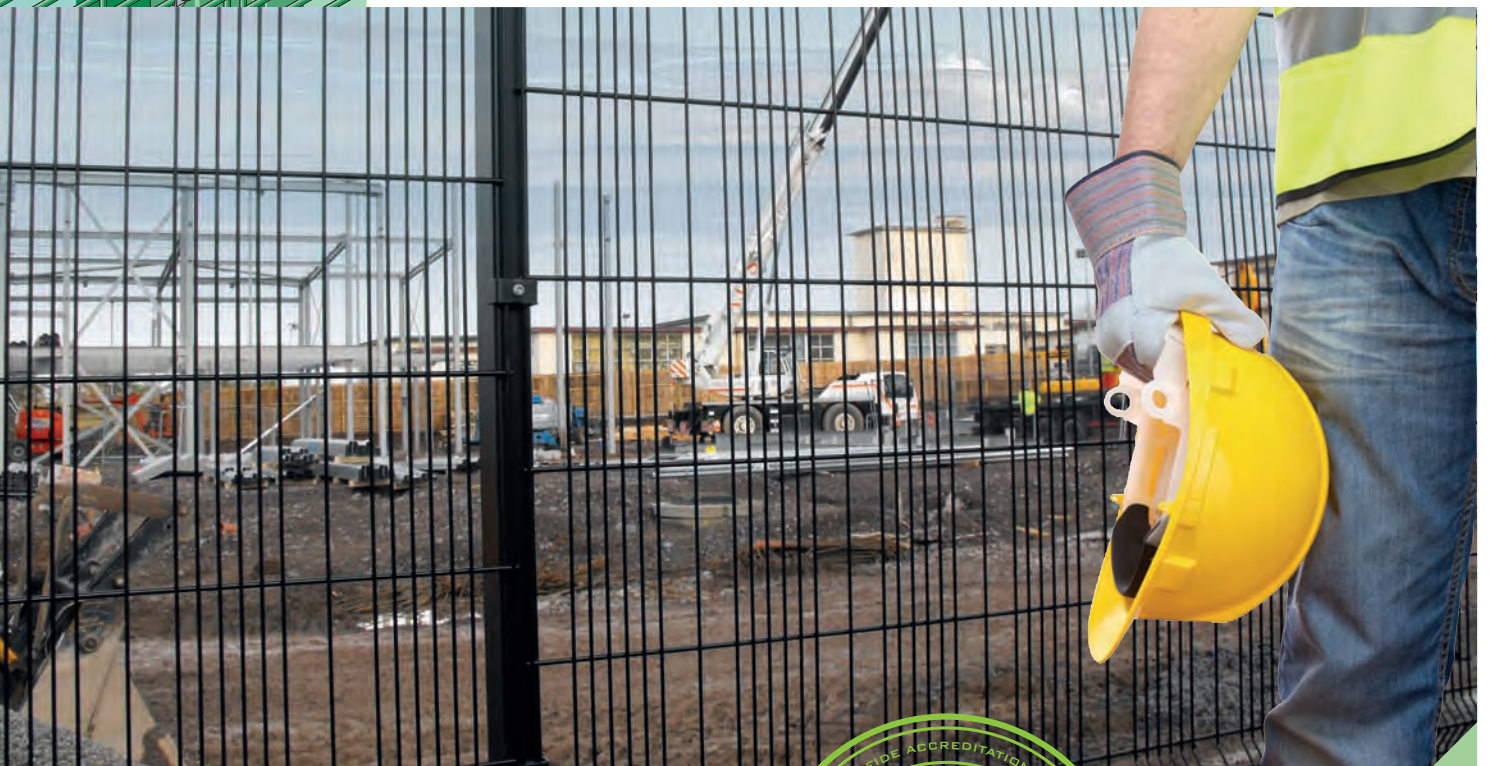




CLD
Fencing
Systems

The Operation and Maintenance Manual



High security | High quality | Longevity

Operation and Maintenance Manual

Date:

Site Name:

Site Address:

Supplier Details

CLD Fencing Systems

Unit 11 Springvale Business Centre,
Millbuck Way
Sandbach
Cheshire
CW11 3HY

Contact: Vernon Wells

T 01270 764751 **F** 01270 757503

E sales@cld-fencing.com

W www.cld-fencing.com

CLD Invoice No:

Invoice Date:

**System Details:
(from invoice)**

Height:

Lockmaster Gates

Gates of various sizes to suit the above mesh systems, including single leaf pedestrian access. All Lockmaster gates should be carefully adjusted to ensure minimum gap in the locking area. Any closing mechanism should be correctly installed exactly as manufacturer's instructions to ensure best possible operation.

Slidemaster Gates

Correct installation is essential to the smooth operation of the gate – Electrical modification should never be considered, additional access peripherals should be checked with the manufacturer.

Maintenance

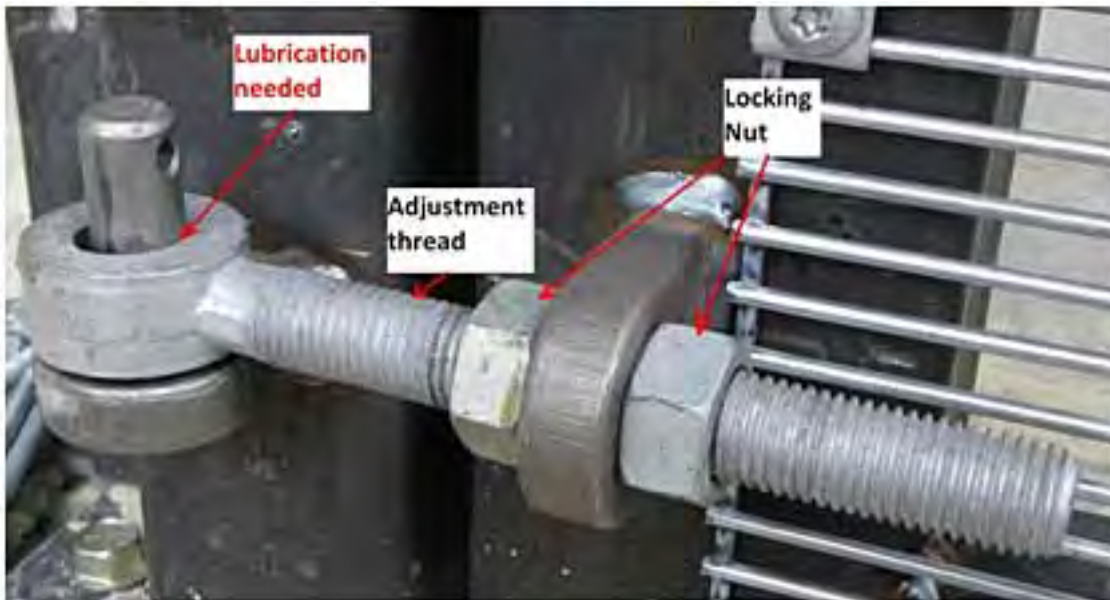
Cleaning to be carried out as necessary, using warm water and a very mild detergent or car shampoo. Periodic checking of fixings is advised and tighten as necessary. Gates require maintenance checks on a monthly basis or sooner, with hinges tightened and adjusted to keep gates hanging true. Locks to be checked and tightened where required. All moving parts to be lubricated on a regular basis. (Spare parts readily available from CLD).

Conformity:

All systems are fully compliant with BS1722 part 14.

Special Care points

Gate hinges for Lockmaster Gates are very important and need to be lubricated on a regular basis to increase the life of the gate and hinge.



All Lockmaster gates are easily adjusted via the threaded hinge bolts. Locking nuts will need to be slackened off and depending which way the adjustment is needed use other nut to adjust the leaf to create an even gap down the edge of the gate.

N.B. The locking bolts do not need to be taken off – just simply loosen off.

Securus™

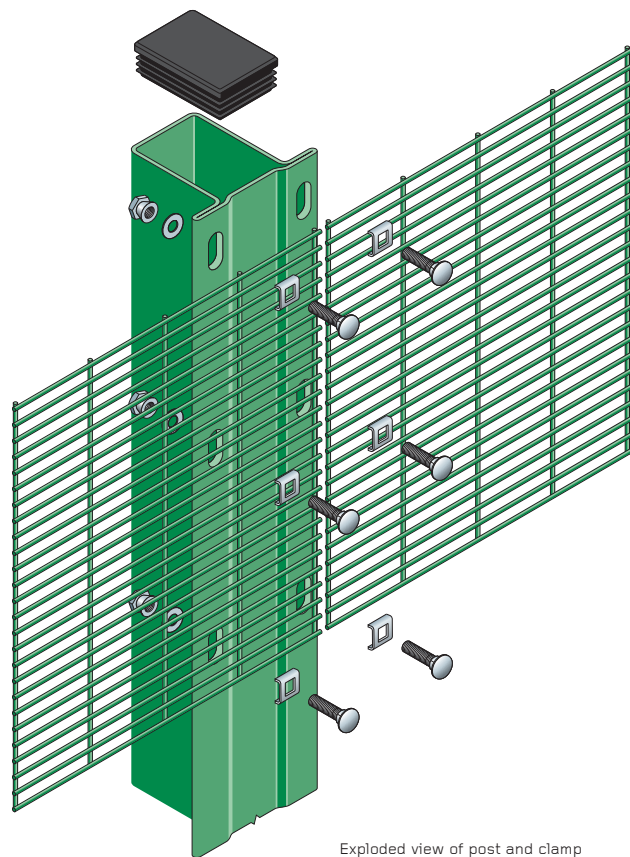
Flat panel system

Features

- ✓ Attractive appearance, even with dense mesh
- ✓ Rigid flat welded mesh panels
- ✓ RAL colours available

Applications

- ✓ Schools
- ✓ Industrial and commercial units
- ✓ Police stations and secure units
- ✓ MOD
- ✓ Airports and seaports



Exploded view of post and clamp for Securus flat panel system

Panel dimensions

Heights	1830, 2030, 2440, 3000 mm other heights from 0.5 m up to 6.0 m available on request
Panel width	2515 mm
Mesh size	76.2 x 12.5 mm
Wire diameter	4 mm (horizontals and verticals)
Top edge projection	Nil – wire is flush on all edges

Description

The Securus flat system has been used in many and varied applications including perimeter security to schools and police stations. The flat Securus fence system has become increasingly popular as a rebound surface for sports facilities supported on A.I. rails (replacing the conventional rebound board), thus extending the effective working life of the facility, lowering maintenance costs and providing a more aesthetically pleasing appearance in built-up areas.

Finish

Galvanised and polyester powder-coated after stringent cleaning and treatment to give a well-adhered coating of 60 microns. Or available as galvanised only which is a high aluminium content galvanising giving four times the life of BS 443. This finish is free of the sharps and irregularities found in the hot dip galvanising process. RAL range of colours available.

Specification clauses

To be read with Preliminaries/General conditions.

Open mesh steel panel general purpose fencing/gates

- Manufacturer & Ref: CLD Fencing Systems, Tel. 01270 764751, CLD Securus Flat Panel System.
- Height:* Nominal height:* Mesh & wire: 76.2 x 12.5 mm mesh; 4 mm wire, high aluminium content galvanised and polyester powder-coated to minimum 80 microns.
- Posts: 80 x 60 mm Patented Rolled Section, hot dip galvanised after manufacture and polyester powder-coated.
- Fixings: M8 cup square bolt with permacone nut, galvanised.
- Maximum post centres: 2.52 m.
- Set posts: Set posts in holes 300 mm diameter x 750** mm deep, filled not less than half the depth with concrete, as clause 620.
- Bottom of fencing to be: maximum 50 mm above final ground level.
- Other requirements: PPC Colours Green RAL 6005 or galvanised only***.

* See specification, above, for available heights.

** Depending on fence height

*** Delete as required



Securus flat panel system detail



Securus flat panel system

Securus posts

For the Securus flat panel system, CLD offers their own unique state of the art post. A patented roll formed section designed to facilitate ease of installation, providing maximum security when combined with security fastenings.

Description

The CLD 'Securus' post is a flanged rolled hollow section formed out of a high grade steel strip (40% higher yield than conventional hollow section), cold rolled with 25 mm integral slotted frames each side with a centre recess, allowing panels to be fitted independently of each other providing a flush face and reducing distortion in the panel. Panels are attached using M8 x 25 cup square galvanised bolts and security clips, washers and permacone fixings.

Finish

All posts are hot dipped galvanised and polyester powder-coated either to match or contrast with the panels.

Dimensions

Posts: 80 x 60 mm special flanged section (patent applied for)

Corner posts: 80 x 80 mm standard RHS section

Post centres: 2520 mm

Sloping ground

Panels can be stepped as required on the post system. Where gradients exceed 1:16, it is recommended that taller panels are either part-buried or additional posts are used. Panels can also be sloped to the following gradients, within the tolerance of the post section:

1.8 m high: 1 in 45

2.0 m high: 1 in 50

2.4 m high: 1 in 60

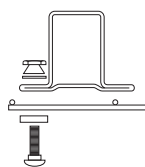
3.0 m high: 1 in 75

Variations

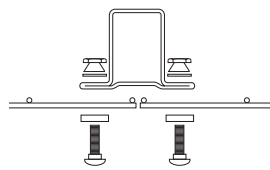
The posts are available in different lengths to accommodate panel heights and ground conditions.

- wall fixing plates, cranked posts or base plated
- cranked or straight extensions for barbed or razor wire
- cranked panels

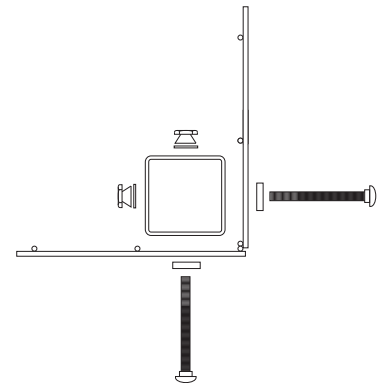
Posts made from standard sections are available.



Plan of end post



Plan of panels in line



Plan of external corner

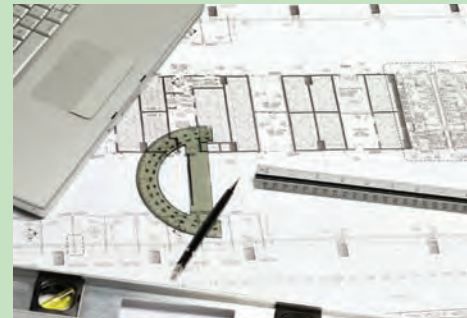


CLD
Fencing
Systems

CLD Fencing Systems Over 40 years of excellence

CLD is one of the UK's leading manufacturers of rigid mesh fencing. We've been fencing specialists since the 1960s and have built our reputation on integrity as well as best of breed products.

We manufacture security fencing, sports fencing and access solutions that combine design appeal and performance excellence. Our products are the preferred choice of architects, specifiers, local authorities and fencing contractors in the UK and many countries across the world.



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