

Manufacturer: Jacksons Fencing.

Web: www.jacksons-security.co.uk.

Tel: +44 (0)1233 750393.

Product Reference: Tubular System

Service Life of Fencing

All Jacksons steel fencing and gates are designed and manufactured to be fit for purpose and provide a minimum 25 year service life and are additionally covered by an industry leading 25-year Service Life guarantee to deliver lowest whole life cost and significantly reduced carbon footprint.

Fencing & Posts:

Type:

[System 1, medium duty]. - Tubular fencing system without a top rail.

[System 1, heavy duty]. - Tubular fencing system without a top rail.

[System 2]. - Tubular fencing system without a top rail, heavy duty with posts vertically extended for three rows of barbed wire.

[System 3]. - Tubular fencing system with a top rail and heavy duty posts.

[System 4]. - Tubular fencing system with a top rail and heavy duty posts with vertical extensions for three rows of barbed wire.

[System 5]. - Tubular fencing system with a top rail, heavy duty posts and cranked extensions for three rows of barbed wire with struts for securing cranked extensions on end and corner posts.

[System 6]. - Tubular fencing system with a top rail, heavy duty posts and 'Y' extensions for six rows of barbed wire

Mesh

[Galvanised Chain link 50mm mesh]

[Green PVC Chain link 50mm mesh]

[Heavy welded mesh]

[Light welded mesh]

Post Construction:

Posts are made using circular hollow section steel galvanised as standard and supplied with flat post caps in black polypropylene.

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Post size will be dependant on location and panel size.

Post dimension and top to be designed to [mount CCTV camera / lighting], [carry barbed wire / razor wire / other / security topping/rotaspikes].

Fixings:

Fence panels are fixed to posts with matching Jacksons proprietary vandal-proof panel to post brackets as standard at specified points subject to fence height and wind loading.

Finish / Colour:

[Fence panels and posts supplied galvanised inside and out as standard]

[Fence panels and posts galvanised inside and out then polyester powder coated with Akzo Nobel Interpon coating in standard

[Black RAL 9005]. [Green RAL 6005]. [White RAL 9010]. [Blue RAL 5010]. [Blue BS 20-C-40]. [Brown RAL 8017]. [Yellow RAL 1018]. [Grey RAL 7012]. [Red RAL 3020].

Fence panels, posts and brackets as standard then polyester powder coated with Akzo Nobel Interpon coating in special [Insert RAL/BS],

For installations within 500m of salt water or estuary [Marine coated Insert RAL/BS] –

Installation:

Set out and erect:

- Alignment: Straight lines or smoothly flowing curves, fenceline may be stepped to accommodate sloping or uneven ground.
- Tops of posts: Following profile of the ground.
- Setting posts: Rigid, plumb and to specified depth, or greater where necessary to ensure adequate support.
- Fixings: All components securely fixed.

Setting posts in concrete:

- Standard: To BS 8500-2.
- [Mix: Designated concrete not less than GEN1 or Standard prescribed concrete not less than ST2.]
- [Alternative mix for small quantities: 50kg Portland cement to 150kg fine aggregate to 250kg, 20mm nominal maximum size coarse aggregate, medium workability.]
- [Admixtures: Do not use].
- Holes: Excavate neatly and with vertical sides.
- Filling: Position post/strut and fill hole with concrete to not less than the specified depth, well rammed as filling proceeds and consolidated.
- [Backfilling of holes not completely filled with concrete: Excavated material, well rammed and consolidated.

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Completion:

Cleaning:

- General: Leave the works in a clean, tidy condition.
- Surfaces: Clean immediately before handover.

Fixings:

- All components: Tighten.
- Timing: Before handover.

Fence Accessories:

[None] [Integrated Jaktronic Perimeter Intruder Detection System]. [Gate post adapted for CCTV camera mounting]

Gates:

Height:

[860mm]

[1170mm]

[1320mm]

[1780mm]

Gate infill options

[Galvanised chain link]

[PVC chain link]

[Heavy welded mesh]

[Light welded mesh]

Gate Operation:

[Manual].

[Manual with safety anti-trap self closing and soft stopping hinges to RoSPA approved design at ?m width, ?m height] (single leaf up to 2.0m high, 1.2m wide) subject to solidity

[Automated] Jacksons Fencing automated gate CE marked according to the European directive: Construction products directive (89/106/EC), low voltage directive (73/23/EEG), EMC directive (2004/108/EG) and type tested according to standard EN 13241-1 for industrial, commercial and garage doors and gates and installed in compliance with Gate Safe and DHF guidelines.

[Automated gate with Jacksons rear mounted operator]. CE marked according to the European directive: Construction products directive (89/106/EC), low voltage directive (73/23/EEG), EMC

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directive (2004/108/EG) and type tested according to standard EN 13241-1 for industrial, commercial and garage doors and gates and installed in compliance with Gate Safe and DHF guidelines.

[Automated gate with Jacksons Sliding Gate Operator]. CE marked according to the European directive: Construction products directive (89/106/EC), low voltage directive (73/23/EEG), EMC directive (2004/108/EG) and type tested according to standard EN 13241-1 for industrial, commercial and garage doors and gates and installed in compliance with Gate Safe and DHF guidelines.

[Automated gate with Jacksons Underground operator]. CE marked according to the European directive: Construction products directive (89/106/EC), low voltage directive (73/23/EEG), EMC directive (2004/108/EG) and type tested according to standard EN 13241-1 for industrial, commercial and garage doors and gates and installed in compliance with Gate Safe and DHF guidelines.

Gate Construction:

The framing is made from 42mm diameter galvanised tube, which is hot dip galvanised inside and out to BS EN 1461 as standard . Gates have an option of either a 90 r 180 degree opening.

Fixings:

Fence panels are fixed to posts with matching Jacksons proprietary vandal-proof panel to post brackets as standard at specified points subject to fence height and wind loading.

Finish / Colour

[Gate(s) and posts supplied galvanised inside and out as standard]

[Gate(s) and posts galvanised inside and out then polyester powder coated with Akzo Nobel Interpon coating in standard

[Black RAL 9005]. [Green RAL 6005]. [White RAL 9010]. [Blue RAL 5010]. [Blue BS 20-C-40]. [Brown RAL 8017]. [Yellow RAL 1018]. [Grey RAL 7012]. [Red RAL 3020].

[Gate(s) and posts are galvanised as standard then polyester powder coated to Akzo Nobel Interpon coating in special [Insert RAL/BS]

For installations within 500m of salt water or estuary [Marine coated Insert RAL/BS] –

Access Control:

[Manual key lock and handle]. [Card systems]. [Ground Loops]. [Hard-wired audio intercom]. [Hard-wired video intercom]. [Key fob]. [Key pad]. [Key switches] [Push button] [Time Clocks]. [Token reader]. [Traffic lights] [Biometrics] [number plate recognition]

Completion

Gates:

- Hinges, latches and closers: Test operation and adjust to provide smooth operation. Lubricate where necessary. Provide manuals, keys and access controls.
- Timing: Before handover.

Gate Accessories:

Jacksons

Guaranteed Quality since 1947

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[None]. [Barbed wire topping]. [Razor wire topping]. [Integrated Jaktronic Perimeter Intruder Detection System]. [Gate post adapted for CCTV camera mounting] [Rota spike]