

Manufacturer: Jacksons Fencing.

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Tel: +44 (0)1233 750393.

Product Reference: 358 Securi Mesh

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:

Height:

[1270mm, post dimensions 80x60mm]

[2134mm, post dimensions 80 x 60mm]

[2440mm, post dimensions 80 x 60mm]

[3000mm, post dimensions 80 x 60mm]

[4200mm, post dimensions 120 x 120mm]

[5200mm, post dimensions 150 x 150mm]

Mesh

Securi Mesh correspond(s) to the generic component/material "welded mesh" in the BRE Global Guide online generic specification(s) "Galvanised weld mesh fencing with metal posts" which achieve(s) a summary rating of A within commercial, domestic, residential, health, industrial, education.

The wire is resistance welded into 76.2mm x 12.7mm (3"x1/2") steel mesh panels with 4mm diameter wire. The panel is Jakcoate treated as standard to BS EN 102144-2:2001 Class A, employing a 150 g/m² zinc alloy coating to provide a service life up to 4 times longer than galvanised products.

Post Construction:

Posts are made using rectangular hollow section steel hot dip galvanised inside and out to BS EN 1461 as standard and supplied with flat post caps in black polypropylene.

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].

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Fixings:

Panels are overlapped and secured by a 30 x 6mm clamp bar using M8 coach bolts

Finish / Colour:

[Fence panels supplied with Jakcoate zinc alloy coating as standard. Posts supplied galvanised inside and out to BS EN 1461 as standard, Brackets supplied galvanised to BS EN 1461 as standard]

[Fence panels and posts galvanised as standard 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.

Completion:

Cleaning:

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

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Fixings:

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

Fence Accessories:

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

Gates:

Matching Securi Mesh Gates available as:

[Single leaf Swing gate at (5000 x 5000 mm maximum) (?m height, ?m width) [height and design to match fence] [other please detail] 180° opening, tamper proof hinges. 60 x 40 mm rails, 60 x 60 mm stiles. Square section steel posts subject to size of gate. Supply as [right hand hanging] [left hand hanging], [opening outwards] [opening inwards] complete with key lock, handles and gate stop.

[Double leaf] Swing gate at (5200 x 5000 mm per leaf maximum) (?m height, ?m width) [height and design to match fence] [other please detail] 180° opening, tamper proof hinges. 60 x 40 mm rails, 60 x 60 mm stiles. Square section steel posts subject to size of gate. Supply as [right hand hanging] [left hand hanging], [opening outwards] [opening inwards] complete with key lock, handles, centre gate stop and drop bolts.

[Single leaf] [Double leaf] (Cantilevered sliding gate at 5200 x 10000 mm maximum width per leaf) (?m height, ?m width) [height and design to match fence] [other please detail]. 60 x 40 mm steel rails, 120 x 80 mm steel portals.

[Single leaf] [Double leaf] Tracked sliding gate (required for exceptionally heavy designs or where a single leaf gate exceeds 15000 mm) to special order at (?m width, ?m height) [height and design to match fence] [other please detail] to operate on level ground.

Gate Operation:

[Manual].

[Automated] Jacksons Fencing automated gate CE marked according to the European directives: Machinery Directive is 2006-42-EC, Construction products directive (89/106/EC), low voltage directive (73/23/EEG), EMC directive (2004/108/EG) and design 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 directives: Machinery Directive is 2006-42-EC, Construction products directive (89/106/EC), low voltage directive (73/23/EEG), EMC directive (2004/108/EG) and design 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 directives: Machinery Directive is 2006-42-EC, Construction products directive (89/106/EC), low voltage directive (73/23/EEG), EMC directive (2004/108/EG) and design tested according to standard

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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 directives: Machinery Directive is 2006-42-EC, Construction products directive (89/106/EC), low voltage directive (73/23/EEG), EMC directive (2004/108/EG) and design 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 wire is resistance welded into 76.2mm x 12.7mm (3"x1/2") steel mesh panels with 4mm diameter wire. The panel is Jakcoate treated as standard to BS EN 102144-2:2001 Class A, employing a 150 g/m² zinc alloy coating to provide a service life up to 4 times longer than galvanised products..

Gate frames are made using rectangular hollow section steel hot dip galvanised inside and out to BS EN 1461 as standard and supplied with flat post caps in black polypropylene.

Frame size will be dependant on panel size.

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) are supplied with Jakcoate zinc alloy coating as standard. Posts supplied galvanised inside and out to BS EN 1461 as standard, Brackets supplied galvanised to BS EN 1461 as standard]

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

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

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].

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:

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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].

Jacksons Fencing

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