

Manufacturer: Jacksons Fencing. Web:

www.jacksons-security.co.uk.

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 & Height of Posts: 3000mm, post dimensions 80 x 60mm

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 height above ground is 3000mm

Fixings:

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

Finish / Colour:

Fence panels and posts galvanised as standard then polyester powder coated with Akzo Nobel Interpon coating in standard in Green RAL 6005.

Installation:**Set out and erect:**

- Alignment: Straight lines or smoothly flowing curves.
- 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.
- Admixtures: Do not use.
- Holes: Remove old posts and existing concrete and excavate neatly and with vertical sides in existing post locations to avoid any impact on existing tree roots and services.
- 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.

Gates:

Matching Securi Mesh Gates replaced as existing width and operation:

Double leaf Swing gate at 3000 mm x 2100 mm per leaf maximum. Height and design to match fence, approx 110° 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. .

Gate Operation:

Automated as existing and mechanisms re-installed in compliance with Gate Safe and DHF

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.

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 galvanised as standard then polyester powder coated with Akzo Nobel Interpon coating in standard Green RAL 6005.