

**Manufacturer: Jacksons Fencing.**

**Web: [www.jacksons-security.co.uk](http://www.jacksons-security.co.uk).**

**Tel: +44 (0)1233 750393.**

**Product Reference: Bow Top Gates**

## 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.

Bow Top correspond(s) to the generic component/material "steel" in the BRE Global Guide online generic specification(s) "Galvanised steel railings" which achieve(s) a summary rating of B within commercial, domestic, residential, health, industrial, education.

## Gates:

Matching Bow Top Gates available as:

[Single leaf Swing gate at (2500 x 3000 mm maximum) [?m height, ?m width] [height and design to match fence] [other please detail] 180° opening, tamper proof hinges. 50 x 25 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 slide latch and gate stop.

[Double leaf] Swing gate at (2500 x 3000 mm per leaf maximum) [?m height, ?m width] [height and design to match fence] [other please detail] 180° opening, tamper proof hinges. 50 x 25 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 slide latch, centre gate stop and drop bolts.

[Single leaf] [Double leaf] (Cantilevered sliding gate at 2500 x 12000 mm maximum width per leaf?) [?m width, ?m height] [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].

[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)

[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: Constructed in line with standard BS EN 13241:2003 + A2:2016 for industrial, commercial and garage doors and gates, and installed in compliance with Gate Safe and DHF guidelines; low voltage directive (72/23/EEG); EMC Directive (2004/108/EG).

[Automated gate with Jacksons Safety-glide in-stile operator]. CE marked according to the European directives: Machinery Directive is 2006-42-EC: Constructed in line with standard BS EN 13241:2003 + A2:2016 for industrial, commercial and garage doors and gates, and installed in compliance with Gate Safe and DHF guidelines; low voltage directive (72/23/EEG); EMC Directive (2004/108/EG).

[Automated gate with Jacksons Sliding Gate Operator]. CE marked according to the European directives: Machinery Directive is 2006-42-EC: Constructed in line with standard BS EN 13241:2003 + A2:2016 for industrial, commercial and garage doors and gates, and installed in compliance with Gate Safe and DHF guidelines; low voltage directive (72/23/EEG); EMC Directive (2004/108/EG).

[Automated gate with Jacksons Underground operator]. CE marked according to the European directives: Machinery Directive is 2006-42-EC: Constructed in line with standard BS EN 13241:2003 + A2:2016 for industrial, commercial and garage doors and gates, and installed in compliance with Gate Safe and DHF guidelines; low voltage directive (72/23/EEG); EMC Directive (2004/108/EG).

#### **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/m<sup>2</sup> 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 panels supplied Jakcoate finished as standard], [Gate posts and frame supplied galvanised inside and out to BS EN 1461 as standard], [Fixings supplied galvanised to BS EN 1461 as standard]

[Gate panels], [Gate posts, frame and fixings] 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].

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].

## **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:**

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