

Manufacturer: Jacksons Fencing.

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

Tel: +44 (0)1233 750393.

Product Reference: Anti Trap Bow Top

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.

Anti Trap 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.

Fencing & Posts:

Height:

[1000mm, post dimensions 60.3mm diameter circular hollow section]

[1200mm, post dimensions 60.3mm diameter circular hollow section]

[1500mm, post dimensions 60.3mm diameter circular hollow section]

[1800mm, post dimensions 60.3mm diameter circular hollow section]

Panel Construction:

The design fully conforms to play fence standards in BS EN 1176 and RoSPA approved, with a wider gap between each hoop above the top rail, to prevent children getting their heads, necks or limbs stuck between pales.

Panels have two horizontal railings 50 x 25mm, the vertical round hollow section are passed through the top and bottom rails at 119mm centres and welded into position. Panels are hot dipped galvanised to BS EN 1461 inside and out.

Post Construction:

Posts are made using circular hollow section steel hot dip galvanised inside and out to BS EN 1461 as standard and supplied with dome caps.

Post size will be dependant on location and panel size.

Fixings:

Fence panels are fixed to posts with matching Jacksons proprietary concealed vandal-proof panel fixings

Finish / Colour:

[Fence panels and posts supplied galvanised inside and out to BS EN 1461 as standard]

[Fence panels and Posts galvanised inside and out to BS EN 1461 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 and posts galvanised 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.

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 Anti Trap 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. 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 (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. 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 2500 x 12000 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].

[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 directive: Constructed in line with standard BS EN 13241-1 2003 + A1 2011 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 rear mounted operator]. CE marked according to the European directive: Constructed in line with standard BS EN 13241-1 2003 + A1 2011 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 directive: Constructed in line with standard BS EN 13241-1 2003 + A1 2011 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 directive: Constructed in line with standard BS EN 13241-1 2003 + A1 2011 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 directive: Constructed in line with standard BS EN 13241-1 2003 + A1 2011 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 design fully conforms to play fence standards in BS EN 1176 and RoSPA approved, with a wider gap between each hoop above the top rail, to prevent children getting their heads, necks or limbs stuck between pales.

Panels have two horizontal railings 50 x 25mm, the vertical round hollow section are passed through the top and bottom rails at 119mm centres and welded into position. Panels are hot dipped galvanised to BS EN 1461 inside and out.

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) and posts supplied galvanised inside and out to BS EN 1461 as standard]

[Gate(s) and posts galvanised inside and out to BS EN 1461 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 with Akzo Nobel Interpon coating in special [Insert RAL/BS],

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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].