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fManufacturer: Jacksons Fencing.

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Tel: +44 (0)1233 750393.

Product Reference: 12K Envirofence

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:

[2000mm, post length 2700mm]

[2500mm, post length 3300mm with 2000mm spur posts]

[3000mm, post length 3900mm with 2500mm spur posts]

[3500mm, post length 4200mm with 2700mm spur posts]

[4000mm, post length 4900mm with 3300mm spur posts]

Boards

Jakcure pressure treated 20mm thick board with a 123mm cover face. Planed tongue and grooved boards with small chamfers which form a “vee” join between the boards. The boards are designed to reflect sound. Achieves the planning/architects normal acoustic specification of 10-12kg per sqm.

Post Construction

Jakcure treated timber tuning fork posts, post size will be dependant on location and panel size.

Finish / Colour:

Jakcure pressure treated natural finish as standard

Fence Accessories:

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

Installation:

Set out and erect:

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- 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.

Gates:

Matching 12K Envirofence Gates available as:

[Single leaf Swing gate at (4000 x 10000 mm maximum) [?m height, ?m width] [height and design to match fence] [other please detail] 180° opening, tamper proof hinges. 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 (4000 x 20000 mm per leaf maximum) [?m height, ?m width] [height and design to match fence] [other please detail] 180° opening, tamper proof hinges. Square section steel posts subject to

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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 4000 x 30000 mm maximum width per leaf) [?m height, ?m width] [height and design to match fence] [other please detail]. 120 x 80 mm steel portals.

[Single leaf] [Double leaf] Tracked sliding gate (auto to be considered) to special order at [?m height, ?m width] [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 directive: Construction products directive (89/106/EC): 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: Construction products directive (89/106/EC): 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: Construction products directive (89/106/EC): 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: Construction products directive (89/106/EC): 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:

Info required

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

Jakcure pressure treated natural finish

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]. [Photocells]. [Push button]. [Safety edges]. [Time Clocks]. [Token reader]. [Traffic lights] [Biometrics] [number plate recognition]

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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]. [Gate post adapted for CCTV camera mounting] [Rota spike]