



**Secured by Design**



**Police Preferred Specification**

 Call our Expert Sales Team for more information.

First Fence Ltd | Kiln Way, Woodville, South Derbyshire, DE11 8EA  
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UK-QMS-00503-TEM

## High-Security Fencing Solution Certified to LPS 1175 SR2 B3

The ProFence<sup>®</sup> 2X system is a high-security fencing solution engineered for superior protection. Its robust design and security features make it an ideal choice for safeguarding critical infrastructure and high-value assets. This system is rigorously tested and certified to LPS 1175 SR2 B3 standards, providing a reliable barrier against determined attacks.

### Key Features

- ✓ LPS 1175 SR2 B3 Certified**  
 Independently tested and certified to withstand experienced attack attempts using a range of manual and power tools.
- ✓ Anti-Climb Design**  
 The 358 "prison mesh" features small apertures that prevent climbing and the passing of objects.
- ✓ Secure Fixings**  
 Employs tamper-resistant snap-off nuts and a full-length clamp bar system to prevent unauthorised disassembly.
- ✓ Versatile Installation**  
 Can be installed in various configurations, including dig-in and bolt-down options, and can be adapted for corners and uneven terrain.
- ✓ Durable Finish**  
 All components are hot-dip galvanised to ISO 1461 or pre-galvanised to BS EN 10346, with optional powder coating for enhanced corrosion resistance and aesthetics.



### Suitable For

- ✓ Data Centres
- ✓ Government Facilities
- ✓ Correctional Facilities
- ✓ Research and Development Facilities
- ✓ Utility Substations
- ✓ Airports and Ports
- ✓ Military and Defence Sites
- ✓ Telecommunication Hubs

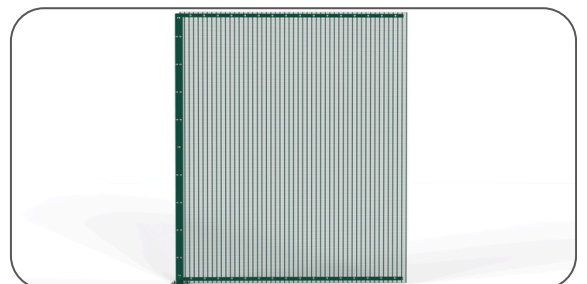
### Specification

<b>Heights</b>	2.0m, 2.4m, 3.0m above ground heights
<b>Bay Width</b>	2410mm
<b>Mesh Panel</b>	MeshPro <sup>®</sup> 10, welded mesh (50.2mm x 12.7mm apertures) with 4mm diameter horizontal and 10mm diameter vertical wires
<b>Posts</b>	80x80x3mm Square Hollow Section Steel Box Section
<b>Fixings</b>	Full-length vertical clamp bars (80mm x 5mm) with M8 and M12 high-tensile cup head bolts and shear nuts, completed with two horizontal clamp bars to prevent attack at top and bottom
<b>Finish</b>	Galvanised as standard. Powder coating available in a wide range of RAL colours.
<b>Foundations</b>	Dig-in: 650x300x300mm C20/25 concrete. Bolt-down: Min. 4x M16x125mm anchor bolts into C20/25 concrete.
<b>Security Rating</b>	LPS 1175 SR2 (B3) / Secured by Design Approved

### ProFence<sup>®</sup> 2X Dig In System



### ProFence<sup>®</sup> 2X Bolt Down System



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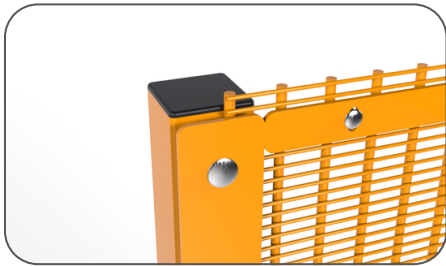


## Hardware Explained

The ProFence<sup>®</sup> 2X system has been developed for optimal performance; as such, the use of additional components is required to ensure full compliance with its LPS 1175 SR2 (B3) certification. All components are supplied with each ProFence<sup>®</sup> 2X fencing kit.

### 80 x 5mm Vertical Clamp Bar

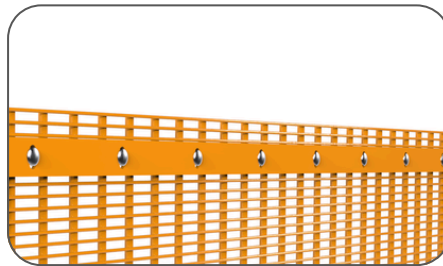
Functions to secure the mesh panel, preventing it from being prised away from intermediate or corner posts. Elongated apertures in the clamp bar plate facilitate vertical adjustment during installation.



⊙ Ensures compliance with LPS 1175 SR2 (B3)

### Horizontal Clamp Bar

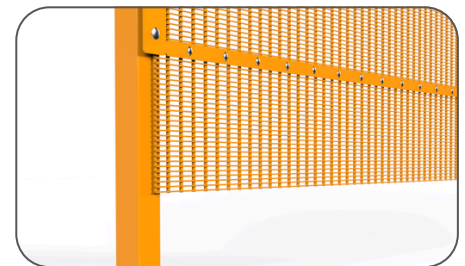
Provides tamper-resistance by preventing the clamp bar and mesh from being prised from the post when subjected to attack using Category B tools.



⊙ Ensures compliance with LPS 1175 SR2 (B3)

### Dug in Mesh

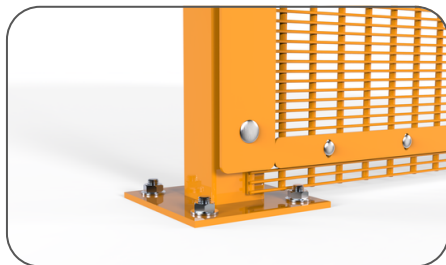
All systems designed for in-ground installation are supplied with an additional 300 mm of MeshPro<sup>®</sup> 10, intended for burial below ground level to mitigate the risk of tunnelling.



✗ Not essential for LPS 1175 SR2 (B3) Compliance

### Base Plate

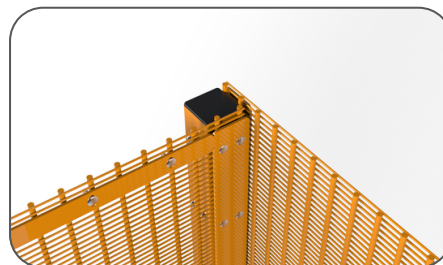
An alternative fixing method for sites where hole excavation is not possible for dig in system. Fully tested, certified and approved by LPCB for all post orientations.



⊙ Ensures compliance with LPS 1175 SR2 (B3)

### Corner Arrangement

A versatile corner configuration accommodates both acute and obtuse angles, allowing the fence line to follow most site layouts accurately.



⊙ Ensures compliance with LPS 1175 SR2 (B3)

### End Post Configured

A panel overhang capability ensures a seamless termination against walls or buildings in bolt-down installations, leaving no discernible security gap.



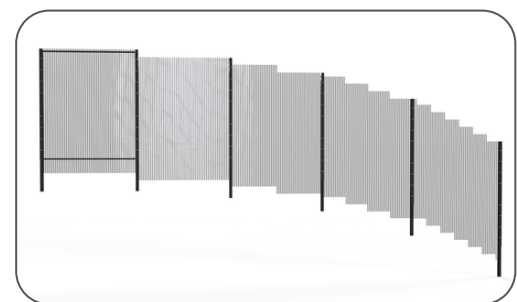
⊙ Ensures compliance with LPS 1175 SR2 (B3)

## Certified for Gradients

Suitable for gradients of up to 25°, provided the guidance below is followed:

SR2 Stepping Configuration & Gradients												
System Height (m)	5° Gradient			9° Gradient			18° Gradient			25° Gradient		
	Min Fencing post Height Above Ground Level (Min Dug-In)	Minimum - Maximum Post Centres (mm)	Minimum Section Size (mm)	Min Fencing post Height Above Ground Level (Min Dug-In)	Minimum - Maximum Post Centres (mm)	Minimum Section Size (mm)	Min Fencing post Height Above Ground Level (Min Dug-In)	Minimum - Maximum Post Centres (mm)	Minimum Section Size (mm)	Min Fencing post Height Above Ground Level (Min Dug-In)	Minimum - Maximum Post Centres (mm)	Minimum Section Size (mm)
2.0m	2.0m (700mm)	670-2520 ± 10mm	80x80x2.5 mm	2.0m (700mm)	670-2520 ± 10mm	80x80x2.5 mm	2.0m (700mm)	670-2500 ± 10mm	80x80x2.5 mm	2.2m (700mm)	440-2115 ± 10mm	80x80x2.5 mm
2.1m	2.2m (700mm)	670-2520 ± 10mm	80x80x2.5 mm	2.2m (700mm)	670-2520 ± 10mm	80x80x2.5 mm	2.2m (700mm)	670-2500 ± 10mm	80x80x2.5 mm	2.4m (700mm)	440-1660 ± 10mm	80x80x2.5 mm
2.4m	2.6m (800mm)	670-2520 ± 10mm	80x80x2.5 mm	2.6m (800mm)	670-2520 ± 10mm	80x80x2.5 mm	2.6m (800mm)	670-1500 ± 10mm	80x80x2.5 mm	3.0m (800mm)	450-750 ± 10mm	80x80x2.5 mm
3.0m	3.2m (800mm)	670-2520 ± 10mm	80x80x2.5 mm	3.2m (800mm)	670-2520 ± 10mm	80x80x2.5 mm	3.2m (800mm)	670-1430 ± 10mm	80x80x2.5 mm	3.4m (800mm)	450-750 ± 10mm	80x80x2.5 mm

Example ProFence<sup>®</sup> 2X Gradient Installation:



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### Gates Available to Suit:

ProFence<sup>®</sup> 2X is engineered to accommodate a comprehensive range of high-security gate solutions, available in both single and double leaf configurations, with standard heights of 2.0m, 2.4m, and 3.0m. Gate widths range from 1.0m to 5.0m for single leaf options, and from 2.0m to 10.0m in 1.0m increments for double leaf variants—providing flexible perimeter access control to suit a wide variety of security applications.

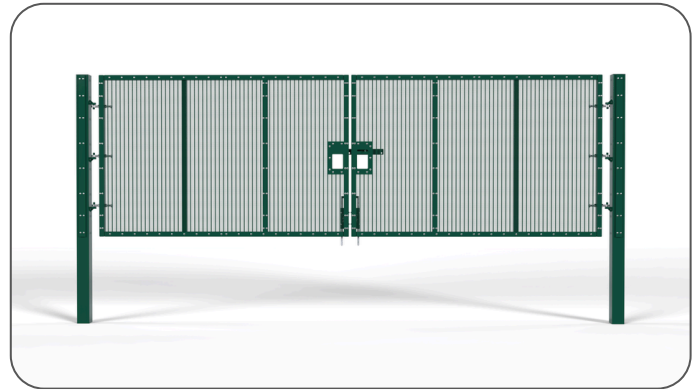
All ProFence<sup>®</sup> 2X gates are rigorously tested and fully certified to LPS 1175 Issue 8, Security Rating B3 (SR2), ensuring robust protection and full compliance with industry-recognised security standards.

### Single Leaf Gates

Available in standard heights of 2.0m, 2.4m, and 3.0m, with widths starting from 1.0m and extending up to 5.0m, the ProFence<sup>®</sup> 2X gate range provides versatile access solutions tailored to suit a wide variety of secure perimeter applications.

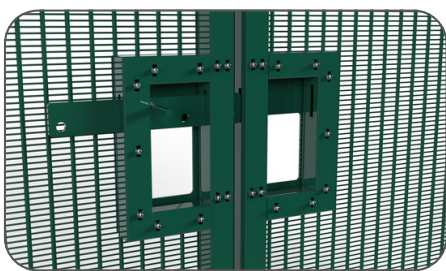
### Double Leaf Gates

The ProFence<sup>®</sup> 2X double leaf gate range is available in standard heights of 2.0m, 2.4m, and 3.0m, with widths ranging from 2.0m to 10.0m in 1.0m increments. Designed to accommodate a broad spectrum of secure access requirements, it offers a highly adaptable solution for a wide range of perimeter protection applications.



## Certified Gate Systems with Security-Tested Hardware

### Integrated Slider Assembly



### Anti Tamper Approved Hinges



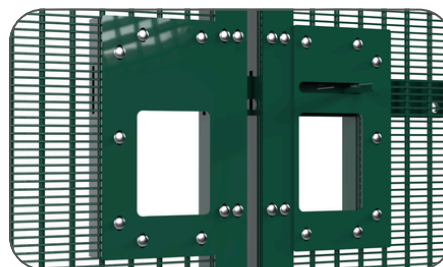
### Heavy Duty Locking Dropbolt



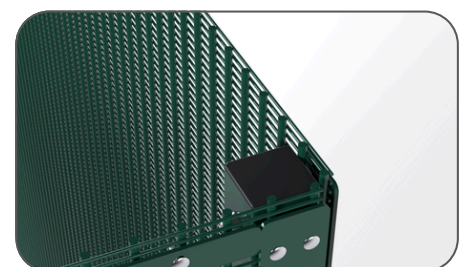
### Approved Locking Padlocks



### Dual Locking Options



### Corner Post Configured



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