FirstFence ®
HIRE & SALES

LPCB
LOSS PREVENTION CERTIFICATION BOARD
LPS 1175: Issue 8
Cert/LPCB. Ref 1745i

Secured by Design
SBD
Police Preferred Specification

High-Security Gate Solutions Certified to LPS 1175 SR2 B3

The ProFence® 2X system is a high-security fencing and gate solution engineered for superior protection. Its robust design and security features make it an ideal choice for safeguarding critical infrastructure and high-value assets. All gate designs have been 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.

⊘ **A Size for Every Security Requirement**
Available in three heights – 2.0 m, 2.4 m, and 3.0 m – with widths ranging from 1.0 m to 5.0 m for single leaf kits, and 2.0 m to 10.0 m for double leaf configurations.

⊘ **Safety Compliance**
All gates are fitted with three hinges to ensure full compliance with BS 12604 gate safety standards, providing continued stability and security in the unlikely event of a single hinge failure.
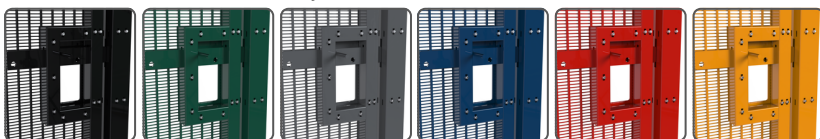
Suitable For

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

Specification

Heights	2.0m, 2.4m, 3.0m above ground heights
Gate Widths	Single leaves ranging from 1.0 m to 5.0 m wide and doubles from 2.0 m to 10.0 m
Mesh Panel	MeshPro® 10, welded mesh (50.2mm x 12.7mm apertures) with 4mm diameter horizontal and 10mm diameter vertical wires
Posts	Structurally calculated posts to suit the height and width of each kit, ranging from 80x80x3mm to 200x200x5mm
Fixings	All gates come with robust vertical and horizontal clamp bars and fixings, securing all four edges of the gate
Finish	Galvanised to ISO 1461, with powder coating available in a wide range of RAL colours to BS EN 13438
Installation	Bolt down and dig in options for all gate sizes

Colour Options Include:

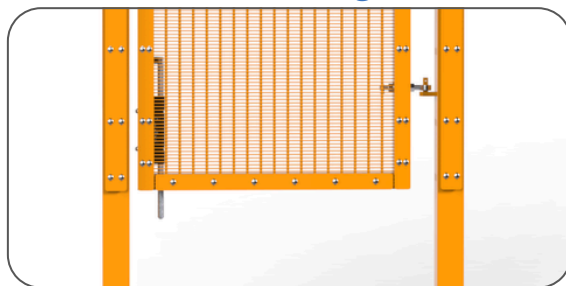Black RAL 9005 Green RAL 6005 Grey RAL 7037 Blue RAL 5010 Red RAL 3020 Yellow RAL 1023

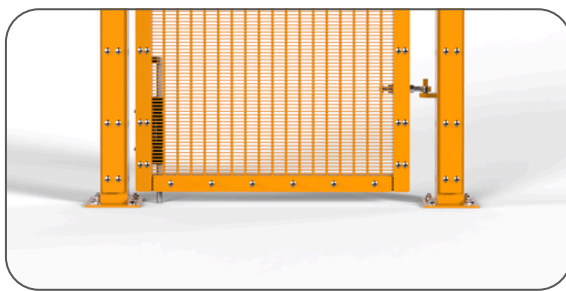### ProFence® 2X Gate Dig In System

ProFence® 2X Gate Bolt Down System
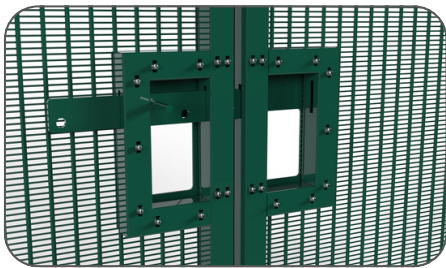
Hardware Explained

The ProFence® 2X gate 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® 2X gate kits.

Integrated Slider Assembly

The gate features an engineered frame design that provides integrated shackle protection, significantly reducing tamper risk while allowing unrestricted access to the padlock hasp for authorised use.

⊘ Ensures compliance with LPS 1175 SR2 (B3)

Anti Tamper Approved Hinges

All ProFence® 2X Gates are supplied with M20 or M25 eyebolts featuring enhanced security, including an additional bolt and shear nut through the hinge thread to prevent hinge removal.

⊘ Ensures compliance with LPS 1175 SR2 (B3)

Heavy Duty Locking Dropbolt

The innovative bolt-on design of the heavy-duty drop bolt enables the gate to be transported flat while maintaining LPS 1175 B3 certification.

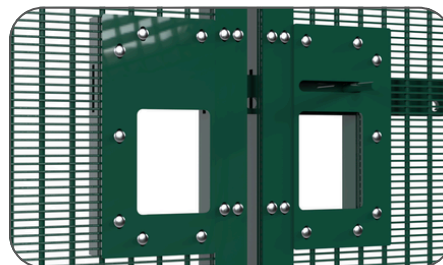⊘ Ensures compliance with LPS 1175 SR2 (B3)

Approved Locking Padlocks

A range of approved Squire padlocks are available for use with the ProFence® 2X gate range, essential for maintaining LPS 1175 SR2 (B3) certification.

⊘ Ensures compliance with LPS 1175 SR2 (B3)
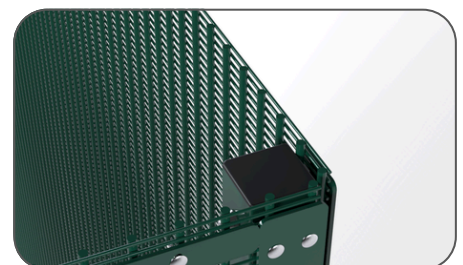
Dual Locking Options

Approval for multiple padlock configurations, including locking through the second leaf option on double gates.

⊘ Ensures compliance with LPS 1175 SR2 (B3)

Corner Post Configurated

Corner hinge post assemblies are available on request, fully certified and traceable through Red Book Live for complete assurance.
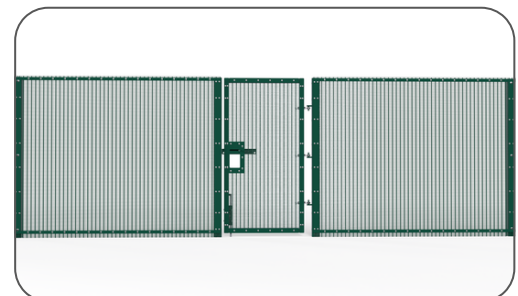
⊘ Ensures compliance with LPS 1175 SR2 (B3)

Built for Seamless Integration

All ProFence® 2X gates are precisely engineered to correspond with the heights and installation specifications of adjacent fencing systems. This ensures seamless integration and uniformity across the perimeter, maintaining the minimum effective security height required to deliver consistent protection.

By aligning gate dimensions and mounting methods with the surrounding fencing infrastructure, the overall security integrity of the perimeter fencing network is preserved, preventing vulnerabilities and ensuring compliance with design and safety standards throughout the entire installation.

ProFence® 2X With Adjacent Fencing Kit

Sizing and Sizes

ProFence® 2X has been engineered to maximise security and structural integrity by specifying hinge and catch posts with dimensions precisely calculated according to the gate's height and width parameters.

Single Leaf Gate Sizes

All single leaf gate kits include a hinge post, catch post and all clamp bar fixing kits. The below sizes are the total gate excluding the hinge post size and hanging gap.

	1.0m	1.2m	2.0m	3.0m	4.0m	5.0m
3.0m	✓	✓	✓	✓	✓	✓
2.4m	✓	✓	✓	✓	✓	✓
2.0m	✓	✓	✓	✓	✓	✓

Double Leaf Gate Sizes

All double leaf gate kits include hinge posts and all clamp bar fixing kits. The below sizes are the total gate excluding the hinge post size and hanging gap.

	2.0m	3.0m	4.0m	5.0m	6.0m	7.0m	8.0m	9.0	10.0m
3.0m	✓	✓	✓	✓	✓	✓	✓	✓	✓
2.4m	✓	✓	✓	✓	✓	✓	✓	✓	✓
2.0m	✓	✓	✓	✓	✓	✓	✓	✓	✓

Post Calculation Table

Hinge post sizes for both single and double leaf gates (note this is for each gate leaf not the complete gate size for doubles.

Gate Height	1.0m	1.2m	1.5m	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m
3.0m	100x100x3mm	100x100x3mm	120x120x4mm	120x120x4mm	150x150x5mm	150x150x5mm	150x150x5mm	200x200x5mm	200x200x5mm	200x200x5mm
2.4m	100x100x3mm	100x100x3mm	120x120x4mm	120x120x4mm	150x150x5mm	150x150x5mm	150x150x5mm	200x200x5mm	200x200x5mm	200x200x5mm
2.0m	100x100x3mm	100x100x3mm	120x120x4mm	120x120x4mm	150x150x5mm	150x150x5mm	150x150x5mm	200x200x5mm	200x200x5mm	200x200x5mm

Padlocks Compliant to LPS 1175 SR2 (B3) for ProFence® 2X

The approved range of padlocks listed below must be used as the sole locking mechanism for all certified ProFence® 2X gates. The use of any padlocks outside this specification will invalidate the gate's certification and compromise its LPS 1175 security rating.

Approved Locking Padlocks

Squire SS50S

Compact and tough, ideal for space-limited applications with strong resistance to forced attacks.

Squire SS50CS

Closed shackle for added protection against cutting and prying in exposed environments.

Squire SS65S

Mid-size, high-security padlock with corrosion resistance for demanding outdoor use.

Squire SS65CS

Closed shackle version of the SS65, offering enhanced physical attack resistance.

Squire SS80s

Heavy-duty CEN 6-rated padlock for high-risk sites needing maximum security.