

# Protek® Elite Defender

## B3 / SR2 RATED SINGLE-SKIN MESH FENCE SYSTEM

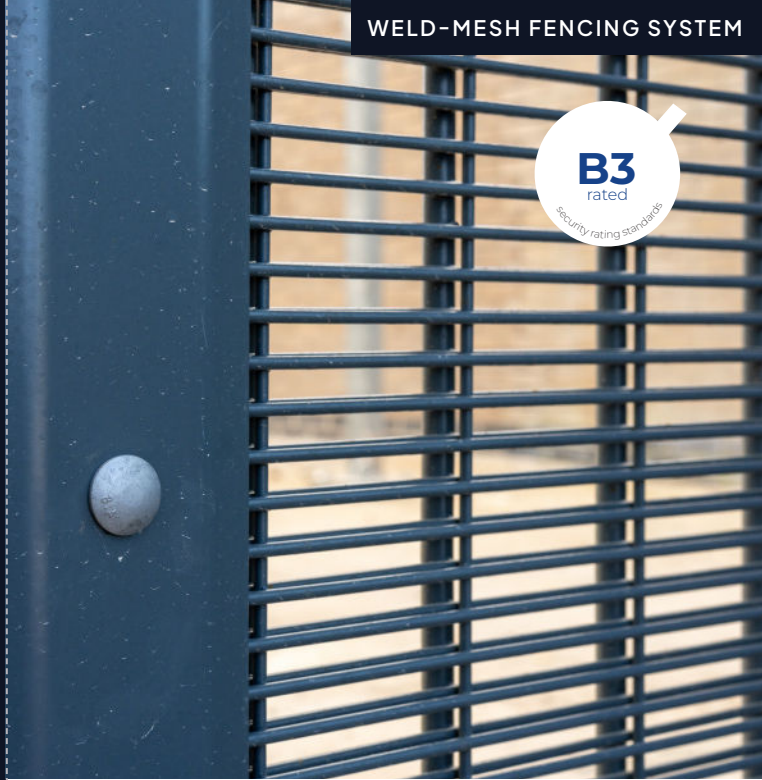
Protek Elite Defender is a security-rated fencing solution approved to the LPS 1175 B3 (SR2) standard, specifically developed to tackle a key challenge faced by contractors and installers: installation efficiency.

Delivering a certified minimum three-minute delay against forced entry attempts, it combines robust anti-climb performance without compromising visibility.

Ideal for critical infrastructure and high-risk sites, this single-skin weld-mesh system offers a practical balance of certified security, ease of installation, and long-term cost-effectiveness.

### SUITABLE FOR:

- Data Centres
- Logistics Hubs
- Water Treatment Facilities
- Critical Infrastructure



LPS 1175: Issue 8.2  
Cert/LPCB Ref: 1726c



Above Ground		Buried		Post Centres (mm)	Overall Length of Post (mm)	Post Size (mm)	Number of Fixings	
Nominal Fence Height (m)	Panel Size Height x Width (mm)	Nominal Fence Height (m)	Panel Size Height x Width (mm)				Per Post	Per Corner
2.4	2,404 x 2,525	2.4	2,704 x 2,525	2,535	3,205	80x80	25	50
2.7	2,704 x 2,525	2.7	3,004 x 2,525	2,535	3,605	80x80	28	56
3.0	3,004 x 2,525	3.0	3,304 x 2,525	2,535	4,005	80x80	30	60
3.3	3,304 x 2,525	-	-	2,535	4,400	80x80 <sup>†</sup>	33	66
4.2	4,204 x 2,525	4.0	4,204 x 2,525	2,535	5,600	80x80 <sup>†</sup>	41	82
5.2	5,204 x 2,525	5.0	5,204 x 2,525	2,535	6,900	80x80 <sup>†</sup>	49	98

DATA SUBJECT TO CHANGE

# Protek<sup>®</sup> Elite Defender

B3 / SR2 RATED SINGLE-SKIN MESH FENCE SYSTEM



## Product Technical Information

- Panels:**
- Mesh size 76.2mm x 12.7mm - 10mm vertical x 4mm horizontal wire.
  - Manufactured to BS 4102 and galvanised to BS EN 10244-2:2001 class D.
  - Welds conform to BS EN 10223-7.

- Posts:**
- Dig-in posts. 80 x 80mm.
  - Post material manufactured to BS EN 10210-2:1997 and galvanised to BS EN 10346:2009.
  - Supplied with plastic cap.

- Fixings:**
- Vertical Clamp Bar: 80mm x 3mm (full length of mesh panel).
  - Horizontal Clamp Bar: 40mm x 5mm (full width of mesh panel). Supported by rear facing metal clip.
  - M8 x (varies with post size) cup square security bolts.
  - Security nuts and washers.

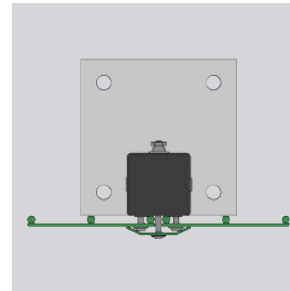
- Finish:**
- Panels & Posts are galvanised before being powder coated to BS EN 13438:2005 (min 100 micron).
  - All RAL colours available, including marine grade coating.

- Post Options:**
- Cranked post extensions for mesh extensions / barbed wire.
  - Straight post extensions for anti-climb rollers.
  - Face fix (for flush against walls).
  - Base-plated (flush to front, back or centrally) available as special order for installation onto concrete and other hard surfaces.

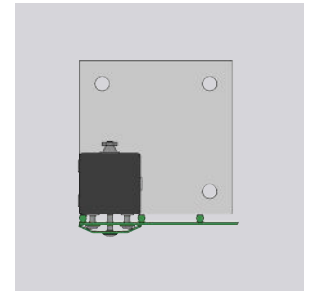
While care has been taken to ensure that all information provided on this data sheet is accurate, Alexandra Security reserves the right to change product specifications at any time. E&OE.



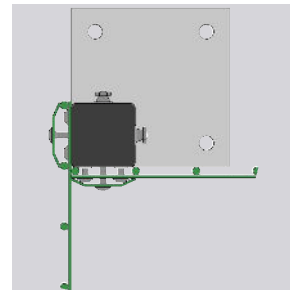
Intermediate post



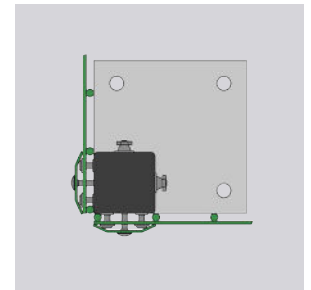
End post



Internal corner post



External corner post



## POSTS & FIXINGS



Each post fixing point features double M8 security bolts to hold the adjoining mesh panels. The vertical clamp bar is placed over the top and secured in place with a M8 security bolt.

This system prevents the internal bolts from being tampered with, while the clamp bar provides strong resistance to attack.



We are able to offer a 15-year guarantee, covering the performance and appearance of our mesh fencing systems. Giving you added confidence when specifying an Alexandra product.