

DATASHEET | V2.0 - 05/26

# Protek<sup>®</sup> 656 Clamp

## TWIN-WIRE CLIP SYSTEM

The Protek 656 Clamp system features twin-wire mesh panels that provides a versatile fencing system that is stronger than single-wire systems.

Protek 656 mesh fencing panels use 6mm diameter horizontal wires either side of a 5mm vertical wire. This provides the fence line with increased strength and rigidity, as well as making it harder for intruders to cut through or climb over. Adjoining panels are held together with a full vertical length clamp bar clamped into posts using pre-drilled holes with inserts. This provides a higher level of security than traditional clip mesh fencing systems.

### SUITABLE FOR:

- Schools & Colleges
- Public Areas
- Retail Parks
- Sports Facilities



Other RAL colours available as special order



Nominal Fence Height (m)	Panel Size Height x Width (mm)	Post Centres (mm)	Overall Length of Post (mm)	Post Size (mm)	Number of Fixings	
					Per Post	Per Corner
1.2	1,230 x 2,506	2,520	1,800	60x40	4	8
1.8	1,830 x 2,506	2,520	2,400	60x40	6	12
2.0	2,030 x 2,506	2,520	2,700	60x40	6	12
2.4	2,430 x 2,506	2,520	3,200	60x40	7	14
3.0	3,030 x 2,506	2,520	3,750	80x40	9	18

DATA SUBJECT TO CHANGE

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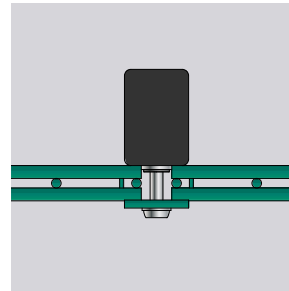
## Product Technical Information

- Panels:**
- Mesh size 200 x 50mm.
  - 1 x 5mm vertical and 2 x 6mm horizontal wire.
  - Panels can be inverted to create flat top option.
  - Manufactured to BS 4102 and galvanised to BS EN 10244-2:2001 class D.
  - Weld strength is 75% of the minimum tensile strength of the wire (tensile range 540-690 N/m<sup>2</sup>).
- Posts:**
- Dig-in posts. Post size varies with height (see table).
  - Post material manufactured to BS EN 10210-2:1997 and galvanised to BS EN 10346:2009.
  - Supplied with plastic cap (size varies with height (see table)).
- Fixings:**
- Clamp Bar: 40 x 5mm (full length of mesh panel).
  - M8 x 40 Fourtress tamper resistant hardened steel security screw.
- Finish:**
- Panels & Posts are galvanised before being powder coated to BS EN 13438:2005 (min 100 micron).
  - Standard colour is RAL 6005 (Moss Green).
  - Other RAL colours available as special order, including marine grade coating.
- Post Options:**
- Cranked posts (internal and external / top and bottom).
  - 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.

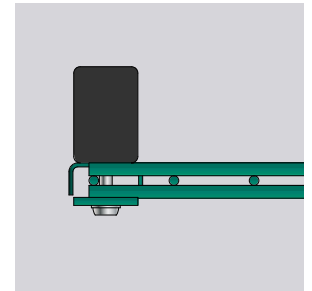
While care has been taken to ensure that all information provided on this data sheet is accurate, Alexandra Security reserves the right to change product specifications at any time. E&OE.



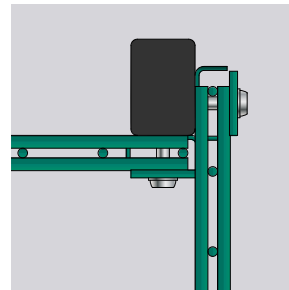
Intermediate post



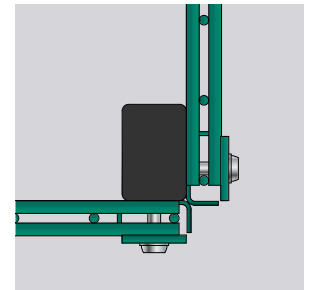
End post



Internal corner post



External corner post



## POSTS & FIXINGS



The post and full-length clamp bar system provides a secure fixing solution that holds panels firmly in place while still allowing for flexibility. Easy to install, the system enables panels to be stepped and adjusted to follow the natural contours of the ground. With vandal-resistant security fixings throughout, this post and clamp system offers a higher level of security than a traditional clip-based alternative.



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.