



SolarGard Pulsar Plus

Weld-Mesh Clamp Bar System With Privacy Inserts

SolarGard Pulsar Plus seamlessly combines security, aesthetics, and privacy, making it the perfect choice for situations where maintaining obscured lines of sight and preserving the appearance of the fence line is crucial, and a standard timber fence will not provide the required level of security.

Timber inserts can be inserted within the mesh panels and are secured to the rear of the fence with a strong fixing baton. This creates a fencing surface that has no hand or foot ledges, significantly increasing the difficulty of climbing. This, combined with matching gates, makes it particularly well-suited for secure energy storage compounds.

Applications

We recommend this type of weld-mesh as a perimeter fencing system around battery storage compounds. This system provides a secure anti-climb deterrent, and with added timber inserts, the benefits of a privacy fencing system.



1. Mesh Panel: Mesh size 200 x 55mm - 5mm Wire
2. Post Size: 100 x 50 SHS
3. Clamp Bar: 41 x 21mm channel (full length of mesh panel)
4. Triangular Folds: 3 per panel
5. Timber infill panel - supplied in loose form



Tested up to force 12 on Beaufort Wind Scale



Other RAL colours available as special order

Specification

| Nominal Fence Height (m) | Panel Size Height x Width (mm) | Post Centres (mm) | No. 'V'Bars per Panel | Overall Length of Post (mm) | Post Size (mm) | Number of Fixings | |
|--------------------------|--------------------------------|-------------------|-----------------------|-----------------------------|----------------|-----------------------|--------------------|
| | | | | | | Ends/Inters (1 Clamp) | Corners (2 Clamps) |
| 1.8 | 1,730 x 2,500 | 2,510 | 3 | 2,550 | 100 x 50 | 4 | 8 |
| 2.0 | 1,930 x 2,500 | 2,510 | 3 | 2,800 | 100 x 50 | 4 | 8 |
| 2.4 | 2,330 x 2,500 | 2,510 | 3 | 3,250 | 100 x 50 | 5 | 10 |

Data subject to change

SolarGard Pulsar Plus

DATASHEET

Version 1.2 | 02-26



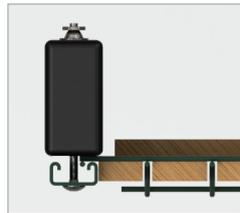
Posts, Clips and Fixings

The posts and full length clamp bars that Alexandra Security offers provide a fixing system which secures the panels but allows for variations. The system is easy to install and allows the panels to be stepped, helping the fence line to follow the contours of the ground. With the vandal resistant security fixings this post and clamp system provides a higher level of security than the traditional clip system.

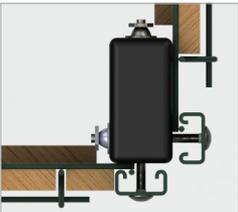
Intermediate post



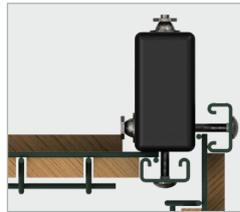
End post



Internal corner post



External corner post



Alexandra Security Ltd, Perimeter Works, Whetsted Road,
Five Oak Green, Tonbridge, Kent. TN12 6PZ

www.alexandrasecurity.com | 01892 833 001

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.

Product Technical Information

Panels:

- Mesh size 200 x 55mm - 5mm wire.
- Triangular Folds: 3 per panel
- 19 x 50mm Timber Slats with planned finish & pressure treated finish. Height matches mesh panel. Supplied in loose form.
- 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/m²).

Posts:



Tested up to force
12 on Beaufort Wind
Scale

- Dig-in posts. 100 x 50mm SHS (3mm thick).
- Post material manufactured to BS EN 10210-2:1997 and galvanised to BS EN 10346:2009.
- Supplied with 100 x 50mm plastic cap.
- All post heights tested to withstand wind speeds of up to 74mph in a variety of ground conditions (see separate design calcs doc).

Fixings:

- Clamp Bar: 41 x 21mm channel (full length of mesh panel).
- M8 x 140 Cup square security bolt.
- M8 shear nut & M8 washer.

Finishings:

- 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.

40 Year Product Guarantee



We are able to offer a 40-year guarantee, covering the performance and appearance of this mesh fencing systems when used in a ground mounted solar or battery storage application. Giving you added confidence when specifying an Alexandra product.

For more information on our product guarantee, please contact us.

