



SolarGard Aurora

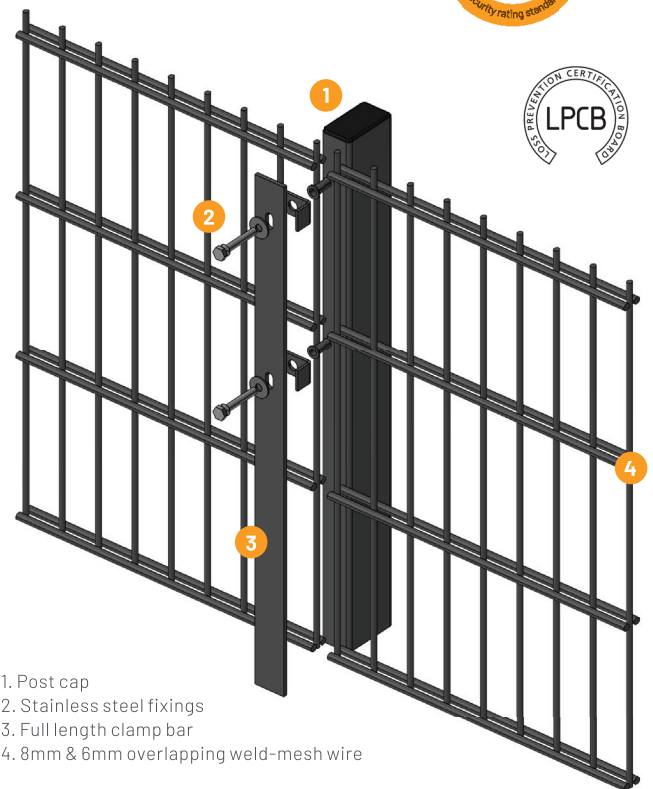
Security Rated Boundary Fencing System

SolarGard Aurora is an improved version of our SolarGard Orbit system that is approved to SR1 security standard by the LPCB (Loss Prevention Certification Board).

SR1 security fencing can withstand opportunistic attempts at forced entry using basic tools such as cable cutters, screwdrivers, knives and hammers, for a period of time. This, combined with SolarGard Aurora's stronger mesh panels and fixings, creates a security fence that is very hard to climb, cut through or force entry.

Applications

We recommend this type of weld-mesh fencing is used where a security rating is important, but ensuring good sight lines is still important. The overlapping wires, stainless steel fixings and full-length clamp bars ensure a higher level of security over v-mesh.



1. Post cap
2. Stainless steel fixings
3. Full length clamp bar
4. 8mm & 6mm overlapping weld-mesh wire



Other RAL colours available as special order

Specification

Nominal Fence Height (m)	Panel Size Height x Width (mm)	Post Centers (mm)	Overall Length of Post (mm)	Post Size (mm)	Number of Fixings	
					Ends/Inters (1 Clamp)	Corners (2 Clamps)
1.8	1,830 x 2,506	2,520	2,400	60 x 40	6	12
2.0	2,030 x 2,506	2,520	2,700	60 x 40	6	12
2.4	2,430 x 2,506	2,520	3,200	60 x 40	7	14
3.0	3,030 x 2,506	2,520	3,750	80 x 40	9	18

SolarGard Aurora is certified up to 6m heights by combining panel sizes above into a double lift system.

Data subject to change

SolarGard Aurora

DATASHEET

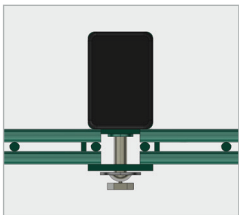
Version 1.0|09-24



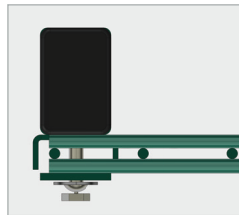
Posts, Clamps and Fixings

The posts and full length clamp bars used 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.

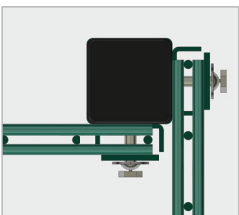
Intermediate post



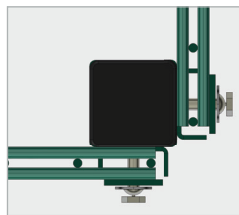
End post



Internal corner post



External corner post



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

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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 50mm.
- 1 x 6mm vertical and 2 x 8mm 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/m²).

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 washer.
- M8 x 40mm Button Head A2 Stainless Steel Shear Bolt.
- Rubber backstops are available for all fixings for anti-vibration.

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.

25 Year Product Guarantee



We are able to offer a 25-year guarantee, covering the performance and appearance of this mesh fencing systems. Giving you added confidence when specifying an Alexandra product.

For more information on our product guarantee, please see our website - www.alexandrsecurity.com.

