

SolarGard[®] Aurora

SECURITY SOLAR FENCING

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

SRI 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.



MADE IN BRITAIN



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



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
1.8	1,830 x 2,506	2,520	2,440	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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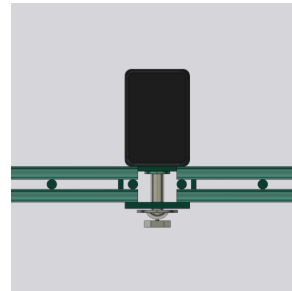
Product Technical Information

- Panels:**
- Mesh size 200 x 50mm.
 - 1 x 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.
- 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.

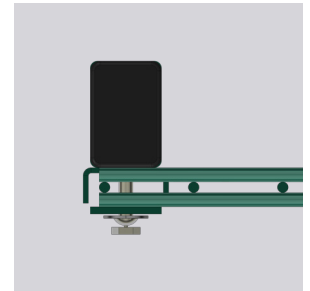
While care has been taken to ensure that all information provided on this data sheet is accurate, Alexandra Security reserves the right to change product specifications at any time. E&OE.



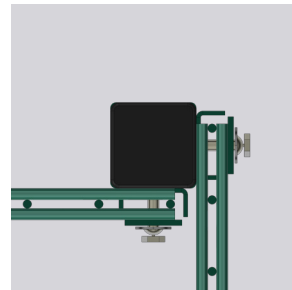
Intermediate post



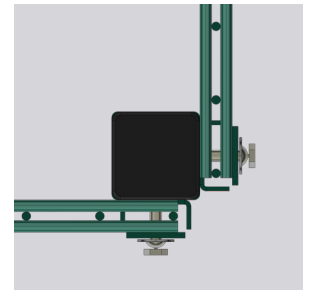
End post



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 40-year guarantee, covering the performance and appearance of our mesh fencing systems. Giving you added confidence when specifying an Alexandra product.