

General:

Made entirely in the UK this new and high quality security fencing system can greatly reduce installation costs whilst providing a future proof product that lasts even in the harshest of environments.



LIGHT

Assembled panels weigh less than 40Kgs; so they can easily be lifted into place for fixing by only two men and without the need for mechanical equipment.



STRONG

Containing thousands of glass fibre strands and glass matting; the pales and posts are very strong and resistant to attack or wind loads.



TOUGH

Unlike steel which remains dented when impacted; our glass re-enforced materials absorb impact and flex back to their original shape if hit.



SECURE

All pales 'pass through' the horizontal rails and are fixed in place. This provides for a much more secure system as pales cannot be 'levered' off of the angles. Pales can also be buried for added security.



NON CORROSIVE

Our material cannot corrode, is not affected by salts, water, oils, acids or alkaline. It is also unaffected by temperature variances.

Thus it's lifespan is far superior to any steel based fencing.



NON CONDUCTIVE

No grounding to earth is required and so POLYsade™ is ideal in locations near potential sources of electricity.

Perfect for Sub-stations, Rail networks or near overhead power lines!



Base

Direct buried, the post should be a minimum 525mm deep with a 350mm concrete surround.

Note: there is a securing hole in the bottom of the posts into which the concrete will run to strengthen the bond.



Posts

Posts are pre-slotted to accept the panel fishtails.

The top of the posts are capped off.

All posts weigh less than 18Kgs.



Fitting the panel

Deploys 5 times faster than steel!

Panels are simply lifted into place onto the fixing fish tails and secured by bolting the panel rail to them.



In Use

Product: Composite Security Fencing

General:

Security fencing ideal for use where ever electrical insulation, corrosion or site access is an issue. Or as a reusable site security fence.

Performance:

Profiles EN13706:
Pultruded Profiles for Structural Purposes

Designed in accordance with BS1722-12:2016:
Specification for Steel Palisade Fences

Material Properties:

Type
Posts, Pales & Rails Glass re-enforced Polyester Resin

Fixings Stainless Steel A2 Grade
(A4 available)

Temperature Range -60oC to +140oC

Fire Resistance UL94 V2 (Optional up to UL94 5VA)

Life Expectancy > 60 years

Colour Variants:

Standard Signal Grey, Holly Green

Optional Any colour: minimum quantities apply



Packaging:

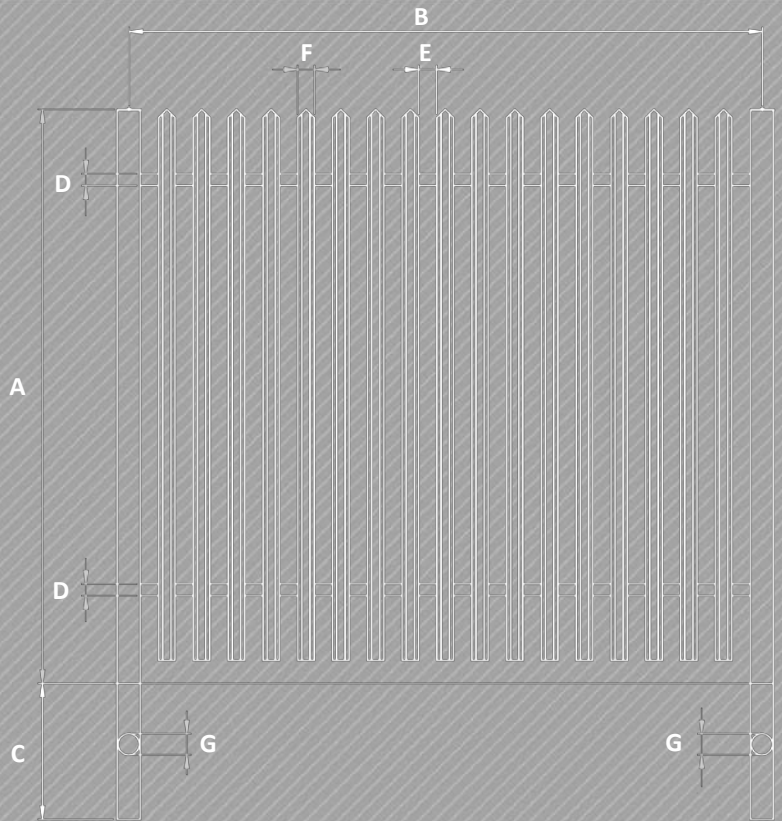
Weights (nominal)

	Panels	BOXpost™ (buried type)
1.8m	28.0 Kgs	10.5 Kgs
2.1m	32.5 Kgs	12.5 Kgs
2.4m	37.0 Kgs	14.0 Kgs
3.0m	36.0 Kgs	17.5 Kgs

Easy 2 men lift!

NB* Panels are supplied on stillage's; fully assembled as standard

Flat packed components can be supplied upon request



Dimensions:

A	Finished Height (standard)	1.8m, 2.1m, 2.4m, 3.0m
	NB* Any height is available from 900mm to 3 metres	
B	Width	1.8m, 2.1m & 2.4m 2.7m 3.0m 2.0m
C	Buried Post depth	1.8m 525mm 2.1m 625mm 2.4m 725mm 3.0m 925mm
D	Rail	50mm
E	Pale Spacing	76.4mm
F	Pale Width	72mm
G	Concrete anchor hole	75mm

Options



No Dig Post Fixing:

In existing hard standing areas where digging post holes is neither practical nor desired; the quick-fix foot is fast to install but maintains a secure post*. *Surveys should be done to make sure the hard standing is suitable

This option is particularly useful if the fencing is to be for longer term but temporary applications, such as construction site compounds. Posts and panels can be removed and reused at the next project site.



Gates:

Also lightweight and simple to install with self close hinges on all pedestrian gates



PLURA
INNOVATIONS

