



Call our Expert Sales Team for more information.

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Zero Conductivity, Unyielding Security!

Elevate your perimeter protection and achieve the perfect synergy of physical deterrence and absolute electrical safety with our GRP Non-Conductive Palisade Fencing and Gates. Designed for the safety professional or contractor who demands a proactive, impenetrable front-line in highly sensitive environments, this advanced system redefines standard security fencing—utilising high-strength, corrosion-resistant Glass Reinforced Plastic that completely eliminates the need for earthing while maintaining an intimidating, anti-climb profile.

Whether you are safeguarding a critical power station, an electrified railway network, or an aviation hub where radio transparency is essential, our durable, UV-protected components are built to transform high-risk boundaries into defiant, hazard-free bastions.

Key Features

- ⊙ **Electrical Safety (Zero Conductivity)**
(Eliminates the risk of shock injuries in high-voltage environments)
- ⊙ **Palisade Deterrence**
(Retains the aggressive, anti-climb profile of a traditional palisade fence)
- ⊙ **Total Signal Transparency**
(Designed to be invisible to radio frequencies and radar)
- ⊙ **Maintenance-Free Resilience**
(Engineered to withstand the harshest environments)
- ⊙ **Adaptable, Site-Specific Assembly**
(Available in a diverse range of heights to meet security requirements)

Suitable For

- ⊙ High-Voltage Power Stations & Utility Hubs
- ⊙ Airports & Radar-Sensitive Aviation Sites
- ⊙ Electrified Railway Networks
- ⊙ Chemical Processing Plants
- ⊙ Telecommunications Centres



Choose GRP Palisade When:

Near High-Voltage or Electrical Hazards: Essential for power stations, electrical substations, solar farms, and electrified railway perimeters (e.g., 25kV overhead lines). GRP eliminates worker touch-potential hazards and removes the heavy cost and labour of electrical earthing grids.

Aviation & Telecommunications Infrastructure: Vital around airport landing systems, radar installations, and radio transmitter towers where metal fencing creates signal distortion, ghosts on radar screens, or radio interference.

Highly Corrosive & Chemical Environments: Ideal for coastal zones (salt air), chemical manufacturing plants, water treatment facilities, and wastewater plants where acidic/alkaline atmospheres rapidly degrade galvanised steel.

Weight-Restricted or Remote Sites: Excellent for locations with strict manual handling limits, high-altitude installations, or difficult terrain where transporting heavy steel components is costly or impractical.

Glass Reinforced Plastic (GRP)

GRP is an advanced, high-performance composite engineered for absolute resilience.

By fusing a tough polymer matrix with high-tensile glass fibres, GRP delivers the strength and structural integrity of steel without the weight, electrical conductivity, or vulnerability to rust.

The result is a corrosion-proof, maintenance-free powerhouse material built to outlast the harshest environments and redefine industrial security.



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GRP Palisade Fencing System Specifications

HEIGHT	BAY WIDTH	MATERIAL	FINISH	POST LENGTH	DIG IN DEPTH	HEAD STYLE
1.8m (Installed)	2720mm	GRP (Glass Reinforced Plastic)	Grey or Green	1825mm (Bolt Down) 2325mm (Dig In)	525mm	Single Point
2.4m (Installed)	2720mm	GRP (Glass Reinforced Plastic)	Grey or Green	2425mm (Bolt Down) 3125mm (Dig In)	725mm	Single Point
3.0m (Installed)	2720mm	GRP (Glass Reinforced Plastic)	Grey or Green	3925mm (Dig In) This is Dig-In only	925mm	Single Point

Good to know:

Terrain Adaptability: Panels are designed to 'rake' allowing installation on sloping ground inclines of up to 30°.

This palisade range comes as components and requires on-site assembly.

Remember to add an end post to finish your fencing run!

Post Mix or Ground Anchor Bolts are available separately.

GRP Palisade Kit Contents

Post	1
Pales	15
Top Rail	1
Bottom Rail	1
Cleats	4
Fixings Pack	1

GRP Palisade Gate Specifications - Dig-In Only

PRODUCT	HEIGHT/WIDTH	MATERIAL/FINISH	POST BOX SECTION	WEIGHT	HEAD STYLE	HANGING SIDE
1.8m Pedestrian Security Gate Kit (Single Leaf)	1800mm x 1200mm (Installed)	GRP (Glass Reinforced Plastic) Grey or Green	101.6mm x 101.6mm	85kg	Single Point	Right Hand (Looking In)
2.4m Pedestrian Security Gate Kit (Single Leaf)	2400mm x 1200mm (Installed)	GRP (Glass Reinforced Plastic) Grey or Green	101.6mm x 101.6mm	100kg	Single Point	Right Hand (Looking In)
1.8m X 4.0m Security Gate Kit (Double Leaf)	1800mm x 4000mm (Installed)	GRP (Glass Reinforced Plastic) Grey or Green	101.6mm x 101.6mm	205kg	Single Point	Right Hand (Looking In)
2.4m X 4.0m Security Gate Kit (Double Leaf)	2400mm x 4000mm (Installed)	GRP (Glass Reinforced Plastic) Grey or Green	101.6mm x 101.6mm	250kg	Single Point	Right Hand (Looking In)



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