

## StronGuard™



### Description

Barkers' Stronguard™ was born from a need to secure the various aspects of the UK's Critical National Infrastructure. It was originally tested by CAST, the government department responsible for testing products to be deployed on Britain's critical national infrastructure (CNI) network and was found to be a resounding success.

A variant of palisade fence that's as flexible in its use as it is effective, Stronguard™ mitigates vandalism, theft and the ever-increasing threats of terrorism and espionage. It delivers exceptional protection against threat, performing as part of security strategies to deter potential attacks and minimise damage. It is especially effective to delay and deny unauthorised access attempts and breach site security alerts.

Stronguard™ provides unrivaled defence against attack and being engineered with anti-cut technology, is resistant to impact from saws, cutting, hammers, jacks, levers, power tools and hand tools.

Versatility is a key feature of Stronguard™. It can be installed on ground with up to a 30-degree slope without on-site alterations, meaning that you can benefit from maximum security whatever your geography. Various protection levels are also available, and products can be tailored to sectors which include CNI, nuclear and power, aerospace, transport, defence, research and data centers.

Barkers delivers value right through from design to manufacturing and installation. We're proud to have a team of security-cleared approved installers who provide an end-to-end service.

### StronGuard™ Key Features

- No attack face fixing
- 'D' profile
- 3mm to 4mm pales depending on specification
- No stepping/climbing aids
- Fix from the rear with a high load anchor
- No post to rail connection
- Engineered with anti-cut properties
- Assembled on-site, specialist tooling is provided
- Can be installed on sloping ground up to 30 degrees without requiring alterations on site
- Galvanized to British Standard EN ISO 1461 – 2009
- Powder coated in range of RAL colours

### Available with additional security features

- Barbed wire
- Razor wire
- Electrified fence
- PIDs systems

### Accreditations



Approved for Government use.  
For details contact CPNI.





For the drawing and Q40 for this product please contact Russell Ridgway: [russellr@barkersfencing.com](mailto:russellr@barkersfencing.com)

## Specifications

Fence Height (m)	Pale Types Available	Typical Pale Thickness (mm)	Post Centres (m)	Post Section (RHS)
1.8	D	3 *	2.75	120 x 80
2.4	D	3 *	2.75	120 x 80
3.0	D	3 *	2.75	120 x 80

\* Also available in 3.5 & 4 (mm) thick pales

## Case Study

### Client

National Grid

### Location

United Kingdom

### Description

National Grid is the high-voltage electric power transmission network serving Great Britain. It connects power stations and major substations to ensure that the public, businesses and infrastructure can access electricity anywhere, and on-demand.

In a climate of heightened probability of premises attack, National Grid sought to further fortify their 22 Critical National Infrastructure (CNI) sites with enhanced demarcation security. For substations and gas compressor stations – which are considered to have a higher threat level – we supplied our StronGuard and StronGuard Plus fencing, which are accredited to CPNI's standards.

StronGuard meets the very highest security and safety standards and is tested by CAST (Home Office) and accredited to HM Government standards. It's manufactured at our UK site with intelligent performance and resilience features such as concealed fixings, which makes it extremely difficult for the fencing to be vandalised or breached by people or tools.