

## High Security Temporary Fencing



the most effective border agency...



## Zaun Group Setting new boundaries in border control

The Zaun Group are the only company able to offer a full turnkey solution, with an extensive range of innovative products for almost any high security problems.

Zaun's ethos is simple - to design and manufacture the best perimeter security systems available. We achieve this through investing continually in the maintenance of existing and procurement of new production machinery. This always keeps us one step ahead of the competition in terms of efficiencies in production, environment processes and flexibilities in production - this ensures our fully integrated systems are always at the cutting edge of technology.

Zaun's products are manufactured in purpose built facilities within the United Kingdom. All our facilities are accredited to ISO9001 standards.

Combined with our can-do attitude in production, Zaun's turnkey package ensures at every stage of the design, production and managed installation process; our products are delivered and installed to the highest standards.

Our highly skilled product and technical development teams, continue to develop solutions to enhance our range of products as well as designing bespoke products and solutions for our customers. These products are designed to work seamlessly with our standard systems.

Our technical design and manufacturing capabilities ensures that we can combine our sales functions with tailored specifications and give product advice as well as developing CAD designers, 3D illustrations and technical drawings.

Through supplying such quality products and overall service, Zaun have supplied products to some of the most prestigious sporting and high security applications across sites in Europe, Australasia, The Middle East and South America.



# Zaun Group

## Core Values of Company

### Our Mission

At Zaun Limited, it is our mission to be the fencing supplier of choice, providing value through effective delivery of products and services. We want our customers to be delighted with the products and service they receive from us, so that we are their natural choice for fencing.



### Our Core Values

As we grow as a company, it has become more and more important to explicitly define the core values from which we develop our culture, our brand, and our business strategies.

These are the five core values that we live by, throughout the Zaun Group;

- A Positive Customer Experience
- Professional
- Ambitious
- Innovative
- Responsive

# Zaun Group

## Business Statement

Having recognised a gap in the market, the Zaun Group has been created as a specialist supplier, installer and integrator of physical perimeter protection systems. Today our competitors still struggle to keep up with the level of innovation that Zaun has brought to the market.

In that time Zaun has evolved from a mesh supplier to a provider of complete fencing solutions on an international scale. We pride ourselves on our unique ability to provide assistance from the planning stages of a project - undertaking the design, manufacture and final installation of the system.

We are renowned for our ability to implement solutions for technically demanding sites.

Continuous investment in people and technology means that Zaun remains at the forefront of the fencing industry. Our mesh manufacturing division is now well established and has enabled us to not only develop the widest range of products on the market, but also to develop better performing products at lower costs. Able to produce large or small quantities, it has ensured that Zaun is popular throughout the high security, corporate, residential and local authority sectors.

Further investment in our woven mesh, welded mesh and railing systems, has seen Zaun's market share increase and we will continue to invest to ensure that Zaun continue to offer the best and most innovative products available.

Our expansion in our ranges has ensured that we can cater for requirements ranging from general perimeter security to the most sensitive of environments.



## Zaun Group Installation & Project Management



### Design

Zaun Group design team would look at all aspects of a project's requirements and the develop effective and innovative solutions, including:

- Detailed site surveys
- Design assessments
- Security systems
- Product integration & specification
- Development of plans
- CAD drawings, site plans & calculations

### Perimeter Security Surveys

Our on-site Perimeter Security Surveys are guaranteed to quickly identify site specific requirements, safely and effectively highlighting ways to reduce your risks and secure the site appropriately.

Zaun Group will carry out a full specific survey of your site to assess your potential requirements and provide the best solutions to suit your site, offering advise on the best product to suit your requirements and installation/site limitations.



### Project Management

Our team of project managers can handle all aspects of your perimeter installation project from conception to completion and hand over.

- Site Supervision
- Health & Safety Management
- Risk and Health & Safety
- Systems Integration
- Management of Sub-Contractors
- Commissioning
- Project Handover to Client on Completion

### Installation

Our reputation of supplying and installing high security fencing systems, to meet the standards of BS1722, PAS and the security criteria is second to none.

We have installed perimeter protection systems for some of the most high profile sites around the world including London Olympic Games 2012, Commonwealth Games 2014, NATO Summit, G8, NSS, Oil, Gas, Power and Utility sites, Airports, Prisons and Borders .



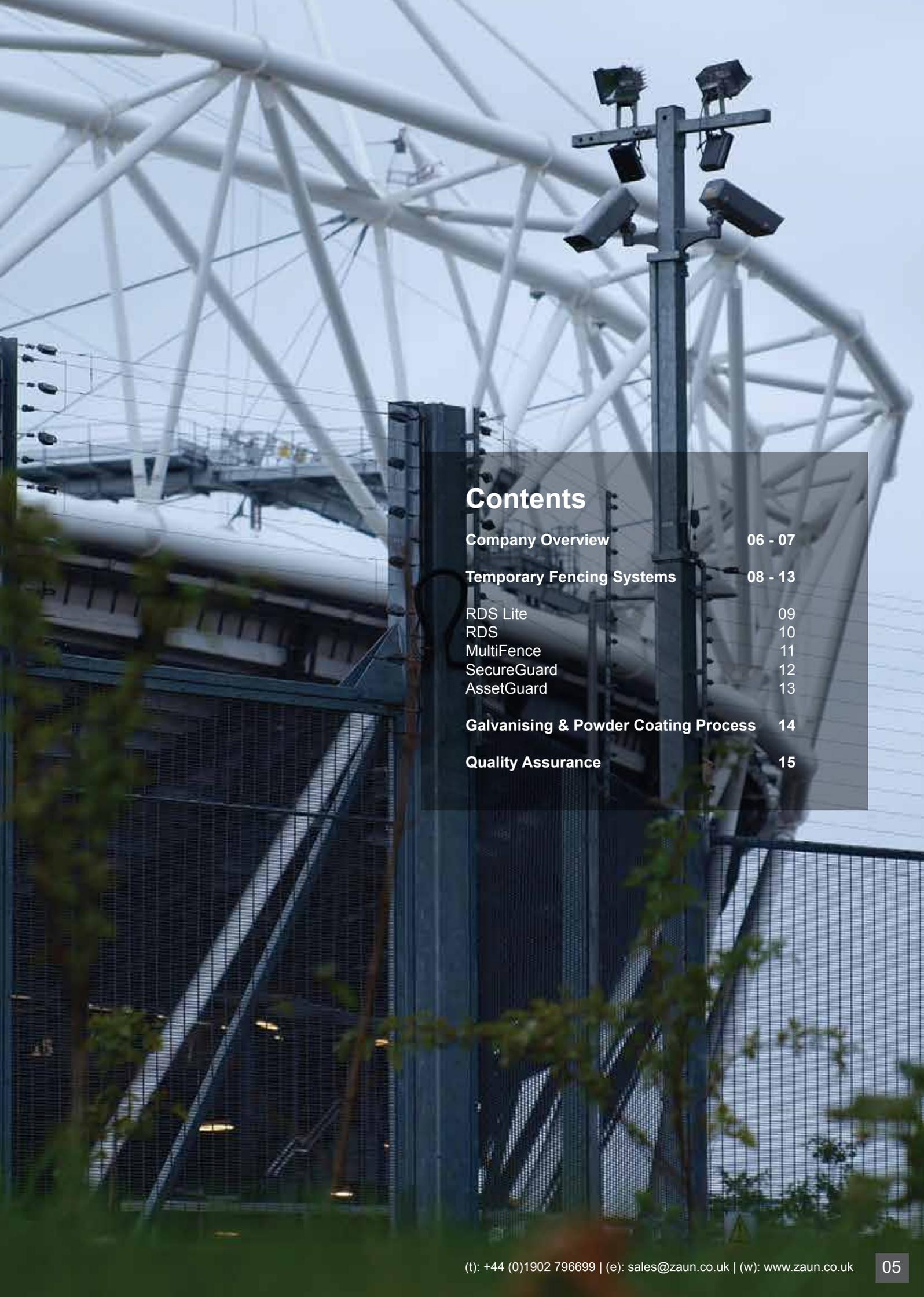
All of the Zaun Group are committed to ensuring that our customers receive the highest standard of service at all times, from the initial conception and design through to completion and hand over.

Our experienced staff pride themselves in being able to deal with the most complex of projects, which are often of a restricted nature. We operate a Quality Assurance System registered with and conforming to BS EN ISO 9001:2016, CHAS, Achillies and constructionline standards ensuring that the highest level of workmanship is achieved at all times.

### Maintenance

Zaun Group offers bespoke security maintenance contracts tailored to meet the customer's own requirements.

Our technical ability, experience and knowledge of the industry make it possible to extend the scope and capacity of protective security measures for almost any environment.



## Contents

<b>Company Overview</b>	<b>06 - 07</b>
<b>Temporary Fencing Systems</b>	<b>08 - 13</b>
RDS Lite	09
RDS	10
MultiFence	11
SecureGuard	12
AssetGuard	13
<b>Galvanising &amp; Powder Coating Process</b>	<b>14</b>
<b>Quality Assurance</b>	<b>15</b>



## Company Overview The Zaun Edge

With Zaun, you really can have it all - the widest range, the best service, the highest quality products, the first to market, bespoke solutions and customer support.

Our designers use the latest research and development to create bespoke product solutions for customers overcoming some of the most challenging installation and design requirements.

Zaun offers such exceptional levels of customer service at every stage of the supply chain process. Our sales and technical teams work hand in hand with our design department to develop innovative, cutting edge product solutions for our customers

and provide all the technical, product knowledge and support you could possibly need.

Zaun invests continually in the procurement of new and maintenance of existing production machinery. This keeps us one step ahead of the competition on production flexibility, efficiency and environmental performance. Our factories and manufacturing processes are accredited to ISO9001 standards.

Zaun's integrated solutions are specified by British and overseas government institutions along with prisons and leading sporting events.

Our systems are chosen as they boast some of the highest security standards available including CPNI, Secured By Design, BRE Security Rated products to LPS1175 and PAS 68 crash rated solutions.

We ensure we are at the forefront of the perimeter protection industry by taking a leading role in many trade organisations. Our role in the Perimeter Security Suppliers Association (PSSA) as a founder member demonstrates this level of involvement.

Whichever way you look at it, Zaun has the edge in perimeter protection.



# Company Overview

## Why Zaun?

One of the largest and most dynamic British manufacturers of high security perimeter protection systems. Zaun's comprehensive range of solutions combats the rapidly changing security threat, and ensures our systems meet the perimeter security requirement for any site. Tested by independent organisations and governments to the most stringent criteria, our systems protect sites of critical national importance on a global scale.

**INDUSTRY  
LEADER**

### **LEADING PRODUCTS**

Zaun has an unrivalled history of developing and manufacturing industry leading perimeter systems. Our high security systems have been subjected to the most stringent test conditions from HVM fencing systems, barriers, bollards and gates to security rated fencing and gate system protected against physical attacks and breaches. Our perimeter systems include everything from fences, gates, bollard and barriers to PIDS, access control, RADAR and CCTV cameras with video analytics

Worldwide Zaun Group has regional sales offices in several destinations in the United Kingdom (including Wolverhampton, London & Surrey), France, Sweden, Spain, Italy, United Arab Emirates and Australia. Our manufacturing plants are based at our Head Office in Wolverhampton, UK and Dubai, UAE.

**REGIONAL  
OFFICES**

### **STATE-OF-THE-ART MACHINERY**

Our Manufacturing plants include a range of welded mesh and woven mesh production equipment, tube and laser cutters and plasma cutting machines, all designed and tweaked to specifically produce our vast range of bespoke and standard manufactured perimeter systems.

Since 1996 Zaun have been manufacturing industry leading perimeter and sports fencing solutions to serve markets around the world, ranging from sports fencing for schools and sports clubs, to perimeter security for utilities, prisons, airports and military bases. Our systems have been used at some of the world's most prestigious major events including the Olympic Games, G8, NSS & NATO Summits and sites of national importance such as the Meydan Racecourse in Dubai & PDO Oil in Oman.

**20  
YEARS**

**IN-HOUSE  
DESIGN**

**PVC  
COATED  
(LEAD-FREE)**

**ISO  
CERTIFIED**

**LOCAL  
SUPPORT**

# Temporary Fencing Systems

## Guidance of Security Key;

To help guide you through our range of fencing solutions, we have given indications of the security ratings for each of our products to help in the specification of these materials. These ratings consider the forcible attack times taken during internal resting of our products.

**Basic level of security - Level 1**  
**Ultimate level of security - Level 5**



## In a class of it's own

Zaun's range of temporary high security fencing solutions and overlay for high profile conferences, music festivals, gigs and major sporting competitions.

We have delivered bespoke schemes for some of the most prestigious events such as London 2012 Olympic and Paralympic Games, The G8 Summit in Northern Ireland, NATO Summit in Wales, Glasgow 2014 Commonwealth Games and The Nuclear Security Summit in Holland to name a few.

Our innovative product developments have attracted unparalleled praise from police and security experts and have won a string of industry awards.

We can supply PAS68 enhancements for when hostile vehicle mitigation is needed and our systems are available to rent or to buy at a price that is affordable.

When the global spotlight is on your event, you can't afford anything less than guaranteed security from a name you can trust.



## RDS Lite

A lightweight rapid deploy solution



### Features & Benefits

- Negates the need for Moffet or Hiab
- Rapidly deployable lightweight blocks
- A more secure temporary security fence than standard hoarding
- Visually appealing and does not impact the local environment
- High visibility for use with CCTV systems
- Provides protection against external threats to any temporary site
- Ideal in locations where space is an issue or fencing is difficult to deploy

RDS Lite is a temporary fence system first developed by Zaun to use at the UK Party Conferences, first deployed in Birmingham in 2014. This lightweight temporary fence system is a light weight counterpart of our multi-award winning temporary security fence solution RDS (Rapid Deployable System).

RDS Lite is specifically designed to be rapidly deployed and negates the need for using a Moffett or Hiab to manoeuvre the blocks into place unlike its high security version RDS. Using recycled plastic blocks in a clever configuration to anchor to the fence post replacing the standard 750kg concrete blocks.

RDS Lite can be used in conjunction with a range of mesh options including ArmaWeave, HiSec Super 6 or Duo6 / Duo8 depending on the level of security required but is typically supplied with HiSec 358. This lightweight temporary fence solution is ideal for use around temporary events, construction sites or other temporary locations to protect the assets within.

Available to buy or to rent and can be supplied with temporary gates to match.



### Specifications

Height	Post Centres	Vertical Wire	Horizontal Wire	Mesh Pattern	Post Section
1.8 - 2.4 mtr	2.75 mtr	4mm	4mm	12.7mm x 76.2mm	70mm x 70mm

# Temporary Fencing Systems |



## RDS

### A rapidly deployable fencing system



- Features & Benefits**
- Allows for changes in direction and ground conditions
  - No ground pinning or foundations required
  - Available for rental or purchase
  - A more secure temporary security fence than standard hoarding
  - Visually appealing
  - High visibility ideal for use with CCTV
  - Provides protection against external threats to any temporary site
  - Available with your choice of mesh

Zaun's rapid deploy fencing system RDS is an above ground fencing system that required no pinning or digging into the ground. Designed for heights of up to 3 metres, Zaun's rapid deploy fencing system leads the market for temporary high security fencing solutions. RDS is a unique solution designed to use a single fence line to protect against crowd loads or to protect areas from unauthorised visitors.

RDS is designed specifically to be a rapid deploy fencing solution which can be deployed and redeployed to protect an area quickly and efficiently with the minimum fuss and disruption. Tested by independent bodies, for crowd attack, this rapid deploy fencing system offers significant protection and therefore can vastly reduce policing and security costs when compared to the use of traditional temporary fencing solutions.

Full vehicle and pedestrian access solutions, including portals can be incorporated, all with above ground foundations. These solutions have also been tested and achieve the same PAS 68 rating as the fence line. (See RDS PAS 68 for details)

CCTV, PIDs and topping enhancements can also be incorporated to provide a full turnkey solution, ideal for sports and event overlay. RDS can also be used as a permanent fence line where below ground foundations are not possible.



### Specifications

Height	Post Centres	Vertical Wire	Horizontal Wire	Mesh Pattern	Post Section
1.8 - 3.0 mtr	2.75 mtr	4mm	4mm	12.7mm x 76.2mm	70mm x 70mm
<b>Block Specification</b>					
	Height	Width	Length	Weight	
RDS Block	800mm	450mm	900mm	750 Kg	

## MultiFence

A mobile, high security system



### Features & Benefits

- Secured By Design approved
- Allows for changes in direction and ground conditions
- Suitable for hard or soft ground standings
- Can be fully integrated with PIDs, CCTV and topping enhancements
- No ground pinning or foundations required
- Provides protection against external threats to any temporary site
- Available for rental or purchase

MultiFence is a mobile, durable high security solution for situations that require temporary to long-term protection. It uses anti-climb mesh fencing to a maximum overall height of 5.2 metres. The fence posts are mounted in concrete blocks, saving a considerable amount of space over using separate roadblocks and temporary fencing. An ingenious bolting method allows the fence to follow a curve or go from a flat surface to an incline with ease.

Post clamps are mounted in receiving fixings that are actually cast into the concrete block, resulting in an incredibly robust fence line. Two different fencing types can be combined with two different BS EN 1317 Part 2 vehicle restraint system blocks approved for use by the Highways Agency, depending on the site requirements.

Flexible added features enable specifiers to incorporate CCTV, PIDs, vehicle gates and pedestrian access points as the innovative foundation blocks to negate the need for any below ground foundations. We can replace the standard mesh panels with HiSec, HiSec Super and ArmaWeave panels if you prefer and can incorporate PAS 68 enhancements, CCTV columns, PIDs and a range of vehicle and pedestrian access options. ACPO has accredited MultiFence as a Secured by Design product. It is available to rent or buy.



### Specifications

Overall Height	Post Centres	Vertical Wire	Horizontal Wire	Mesh Pattern	Post Section
1.8 - 5.2 mtr	1.50 mtr	4mm	4mm	HiSec	60mm x 60mm
	1.50 mtr	6mm	4mm	HiSec Super6	60mm x 60mm
	1.50 mtr	4mm	4mm	ArmaWeave	60mm x 60mm

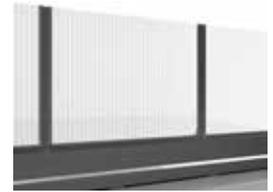
Note: Block configuration may differ at greater heights

Block Specification	Height	Width	Length	Weight
TVCB	800mm	450mm	3 mtr	2,500 Kg



## SecureGuard

### Portable high security anti vehicle barrier system



#### Features & Benefits

- High performance, durable system
- Low maintenance
- Ease of installation in temporary or permanent installations
- Rapidly deployable
- Highly portable and cost effective
- Crash-friendly to normal road users
- Available with your choice of mesh
- Can also be supplied with fence toppings for additional security
- Anti-climb fence up to 3.5m high

Zaun's SecureGuard barrier fencing system is a high performance advanced perimeter protection solution used to immobilise vehicles trying to penetrate high security installations. Our barrier fencing system is easy to erect and install, with road surface anchoring for temporary installation and only shallow foundations for permanent applications.

This barrier fencing system is installed using a SecureGuard barrier with an optional range of Zaun's existing fencing panels and post designs, (including HiSec, HiSec Super 6 or ArmaWeave) thus reducing the required footprint for the fence line. Each post and panel can be supplied up to 3.5 metres in height and can incorporate above ground foundations, pedestrian and vehicle gates, turnstiles and access portals, along with CCTV columns and PID systems.

Zaun's SecureGuard barrier fencing system is ideal for using around high security temporary and major events, construction sites or to protect road works. SecureGuard provides protection against rock fall and debris dispersion, as well as preventing pedestrian intrusion, it comes in many versions that are available from stock for rapid delivery & installation.



#### Specifications

Overall Height	Post Centres	Vertical Wire	Horizontal Wire	Mesh Pattern	Post Section
1.8 - 3.5 mtr	1.50 mtr	4mm	4mm	HiSec	60mm x 60mm
	1.50 mtr	6mm	4mm	HiSec Super6	60mm x 60mm
	1.50 mtr	4mm	4mm	ArmaWeave	60mm x 60mm
Base Specification	Height	Width	Length	Weight	
SecureGuard	800mm	400mm	12 mtr	850 Kg	

**Note:** Maximum height of the total system is 3.5 mtr with mesh panels. CCTV post extensions available to meet system requirements

## AssetGuard

A high security barrier system



### Features & Benefits

- High performance, durable system
- Low maintenance
- Ease of installation in temporary or permanent installations
- Rapidly deployable
- Highly portable and cost effective
- Crash-friendly to normal road users
- Available with your choice of mesh
- Can also be supplied with fence toppings for additional security
- Anti-climb fence up to 3.5m high

Zaun's AssetGuard barrier fencing system has been designed as a rapid-deploy temporary high-security fencing system. Designed very similar to SecureGuard the AssetGuard is designed using ZoneGuard barriers, which are just under 4 metres long. The short length of the AssetGuard barrier ensures that the barrier system can handle ground undulations more easily.

The fence posts on AssetGuard are secured to the barrier by an innovative adapter plate brackets with bolts that have been added at right angles to the barrier to brace it and facilitate lifting into place. All of our high security 'cordons' have been in-house mob tested to ensure they will repel potential thieves, vandals and trespassers and still maintain a secure perimeter.

The AssetGuard can be rapidly installed and ideal alongside public access perimeter road networks. The AssetGuard barrier system is also ideal for applications such as utility plants, as no below-ground foundations are needed so they can be used on soft and hard standing. AssetGuard gives protection up to 3.5m in height and can incorporate above ground foundation pedestrian and vehicle gates, turnstiles and access portals, along with CCTV columns and PID systems.



### Specifications

Overall Height	Post Centres	Vertical Wire	Horizontal Wire	Mesh Pattern	Post Section
1.8 - 3.5 mtr	1.50 mtr	4mm	4mm	HiSec	60mm x 60mm
	1.50 mtr	6mm	4mm	HiSec Super6	60mm x 60mm
	1.50 mtr	4mm	4mm	ArmaWeave	60mm x 60mm

Block Specification	Height	Width	Length	Weight
Asset Barrier	800mm	700mm	4 mtr	363 Kg

**Note:** Maximum height of the total system is 3.5 mtr with mesh panels. CCTV post extensions available to meet system requirements

## Galvanising



All of our posts, gates and panels are galvanised, with the majority of our steelwork receiving a hot-dip galvanised finish to BS EN 1461:1999. Hot dip galvanising guarantees maximum protection, with a minimum of 50 years corrosion resistance\*.

It is a dipping process in which fluid zinc alloys to the steel surface. The zinc will penetrate all recesses and open hollow surfaces. In order to achieve this with hollow tubes like posts and gate frames, they are 'vented' which means that the zinc can flow inside the tube – hence a protective zinc coating is not only applied to the outside of the steel work but to the inside as well.

Prior to dipping, the steel work goes through 8 stages of pretreatment. Firstly this involves 6 acid tanks of increasing strength, which degrease the surface and remove impurities. The steel is then rinsed in an iron free water before being initially heated to 75° in the flux tank, which will evaporate all water from the steel.

The steel is then dipped in the zinc tank, during which a flux solution is sprayed on to help the zinc flow over the metal. The galvanised metal is then carefully removed from the tank at a specific angle, to help the excess zinc flow off. The metalwork is then cooled in water prior to fettling if required.

## Powder Coating



Polyester Powder coating is a complex organic colour layer available as an option on all of our fencing products. The process offers an extended life for the fence and gives it a bright colour coating, available in over 60 standard colours and over 1000 non-standard colours in both the RAL and British Standard ranges. Zaun's powder coatings meet the requirements of BS 6497 which include subjecting the galvanised steel to a multi-stage pre-treatment prior to the organic powder coating being applied. This pre-treatment ensures that our coatings offer the highest level of performance on the market.

### Features of Zaun's Powder Coated Finish:

- Up to 25 year life expectancy
- Reduced chipping during installation – avoiding touch up
- Assured quality to BS6497 thanks to a continually monitored process with on-line computer controlled processing
- Available in a wide range of colours
- Resistant to ultra-violet induced colour and gloss change
- Long term adhesion retention
- Resistant to salt spray and environmental pollution
- If coating gets damaged, corrosion will not spread to other areas of metal
- Graffiti resistant – can be cleaned using benzene, turpentine or methylethylketone
- Low maintenance

# Professionalism in every area |

Zaun Group supply perimeter and sports fencing and associated equipment to fencing contractors and end users such as local authorities and corporate bodies. A design, manufacture, supply and installation service is offered.

Zaun Group is committed to the provision of total Quality Assured goods and service to meet all customer specified needs and expectations and all associated regulatory requirements. This is accomplished by holding regular meetings and setting objectives and targets for on going improvement in performance and resources in order to meet current and future customer and regulatory demands.

To ensure consistent performance to the specified requirements the company implements an effective quality system meeting the requirements of BS EN ISO 9001:2008.

The quality system and general organisation is described in the quality policy manual.

Detailed working instructions to company employed personnel are contained in a separate series of quality control procedures which are referred to in the quality policy manual.

The quality programme laid down in the quality policy manual and associated quality control procedures has the full support of the management and it is a mandatory requirement that all personnel involved will comply with the defined policies, systems and procedures. It is the responsibility of company management, that all company personnel thoroughly understand the company quality policy and the requirements for implementation.



# ZAUN GROUP

## Zaun Group Headquarters

Steel Drive  
Wolverhampton  
WV10 9ED  
United Kingdom  
(t): +44 (0) 1902 796699  
(f): +44 (0) 1902 796698  
(e): sales@zaun.co.uk  
(w): www.zaun.co.uk

## Other offices in the Zaun Group

**Zaun France**  
+33 (0)7837 65869  
sales@zaun.fr  
www.zaun.fr

**Zaun Middle East**  
+971 (0)4383 5479  
sales@zaun.ae  
www.zaun.ae

**Zaun Spain**  
+34 (0)9760 76964  
sales@zaun.es  
www.zaun.es

**EyeLynx**  
+44 (0)203 044 2905  
sales@eyelynx.com  
www.eyelynx.com

**Binns Fencing**  
+44 (0)1707 85 5555  
sales@binns-fencing.com  
www.binns-fencing.com

**ZAUN**  
Perimeter Protection Systems

**ZAUN**  
أنظمة حماية الأسوار الخارجية

**ZAUN**  
La clôture de demain

**binns**  
Security Fencing  
+ Gates

 **EyeLynx**  
Cast Your Vision Intelligence Anywhere

**ZAUN** store  
.co.uk  
the online fencing store

**Z°Mesh**  


Setting new boundaries in security