

procter

CONTRACTS

DESIGN • SUPPLY • INSTALL

The School Security Guide

Keeping your school safe & secure
all year round

Skinner's
academy
sports centre



Secured by Design



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“Procter Contracts is your trusted single source for high-quality bespoke and standard fencing, automatic gates and street furniture.”

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Welcome to Procter Contracts

Procter Contracts is your single source for high-quality bespoke and standard fencing, automatic gates and street furniture.

We have state-of-the-art design and manufacturing facilities in-house, and can also compete the installation, so we are truly a one-stop-shop. It is thought that we are the only UK Company that can supply and install fencing, gates and street furniture, whether you require a comprehensive package or just a few items.

When you deal with Procter Contracts, you have one point of contact, so your project management is simplified and you save on administrative costs. Whatever the question, whether technical or commercial, our contract manager will provide the answer as quickly and efficiently as possible. Moreover, you receive just one quote and this is only one contractor on site for all your fencing, gates and street furniture.

WHAT WE DO

We undertake contracts throughout the UK, operating from four bases in Garforth (West Yorkshire), Bedwas (South Wales), Weston-super-Mare (South West England) and Brentwood (Essex). We also work in Europe, the USA and elsewhere. Our Quality Management System has been assessed and registered by NQA against the provisions of ISO 9001:2015.

A typical contract might include perimeter fencing, pedestrian gates, automatic electric gates for controlling vehicular access, plus street furniture as required. Standard products are often supplied but we specialize in working with architects' designs or, alternatively, creating detailed drawings from a client's sketches.

Our design and manufacturing capability for bespoke products is major strength, ranging from fencing, railings, handrails and gates, though to benches, shelters, bin stores, plant enclosures and all types of architectural metal work. Steel items are galvanized and/or powder coated for protection and aesthetics, and some products can be manufactured from stainless steel.

SECTORS WE SERVE

This brochure outlines our offering for the following sectors: schools and education, commercial and industrial, high-security and utilities, and leisure and sports.

Nevertheless, our fencing, gates and street furniture are also widely used for public spaces, retail areas, prestigious private houses, residential developments, hospitals, religious buildings and countless other applications.

A Guide to Perimeter Security Fencing for Schools

School security is a multi-faceted subject. As well as protecting the personal safety of pupils, staff and visitors, effective schools security is paramount in preventing unauthorised entry to the grounds and the reduction of anti-social behaviour and malicious damage.

Clearly, the fencing around a school perimeter, and particularly the main entrance gates, demonstrates to visitors the commitment a schools places on safety and security.

However, the challenge for schools is how they remain safe and secure, whilst fostering a positive learning environment that is welcoming and inclusive to all in the local community.

Adequate security therefore has to be achieved without schools looking like prisons.

Recent research shows that aggressive security measures can make establishments appear at risk; and if there is

a perception that crimes are being committed, this can lead to an increase in crime.

The issue of school perimeter security is further complicated by the need to meet legal and planning requirements, and security has to be considered as a complete package including fencing and other appropriate measures such as CCTV, access control and security lighting.

Every school has its own needs and challenges, so the solution to the problem is different in each case.

Given the importance of fencing and the complexity of the context, this guide to perimeter security fencing for schools explains the different options available, presents the advantages and limitations of each, and will assist you in making decisions that will provide the right level of security at an acceptable cost and without compromising other areas such as aesthetics.



Our Services

With more than 100 years' experience designing, manufacturing and installing fencing, railings and gates, Procter Contracts is one of the UK's leading specialists.

Our Quality Management System is audited in accordance with requirements of ISO 9001:2015 and all fences and gates installed by us comply with

current health, safety and product standards (such as RoSPA and BS EN 1176). We are also Police Secured by Design (SBD) certified to install on all school projects, which guarantees a first-class service while delivering perimeter security for your school.



Fencing

We offer a complete service for the design manufacture and on-site installation, of high quality fencing systems and gates throughout the UK.

From simple boundary fencing to complex high security applications including alarm systems electric fencing and all types of entrance gates. Procter have successfully completed projects for applications as diverse as airports, sports grounds, schools, prisons, data centres, retail outlets and utility sites.

Gates

The Procter Contracts portfolio of gates includes standard and bespoke pedestrian gates and vehicular access gates. For the latter, we design, manufacture and install sliding, swing, telescopic and bi-folding gates; most are powered and automated, though smaller gates can be operated manually. All Procter powered gates meet current standards and guidelines, and are CE marked to demonstrate their safety and compliance with the European Machinery Directive. We also provide maintenance contracts to ensure your gate continues to operate efficiently and safely throughout its life.

Street Furniture

Our street furniture range, which is offered alongside fencing and gates or on its own, will cover all of your school's needs. For example, we supply and install everything from tables, benches and litter bins, through to speed ramps, parking posts, bollards, cycle racks and shelters, tree grilles and handrails.

We also design, manufacture and install bin stores and all types of architectural metal work.

Secure By Design

Secured by Design (SBD) is an official police initiative that aims to reduce crime through effective environmental design. The scheme also calls for the installation of security products that meet police-approved standards.

SBD is widely recognised within the building industry and is increasingly being listed in tenders as a mandatory requirement. Specifying SBD-accredited products and SBD-accredited installers helps to demonstrate that appropriate steps are being taken to reduce crime.

Products

Pro-mesh

Our Pro-mesh panel fencing options are typically used for medium-security applications, with the nature of the mesh panels making it difficult to climb and cut. Despite this, a Pro-mesh panel fence has an attractive appearance and the open yet strong mesh allows good through-visibility.

Posts Varying from 60x40mm to 80x60mm RHS depending on height

Height 1.2m 1.8m 2.0m 2.4m 3m

Mesh Size 200x50mm with 5mm horizontal wires and reinforcing V-profiles

- Attractive appearance, long-lasting powder-coated finish
- Aesthetically pleasing, blends in with surroundings
- Choice of heights
- Full range of RAL colours available





Products

Twin wire

Our Pro-twin wire perimeter fencing combines a perfectly engineered robust design with a low visual impact that will blend into almost any situation. Manufactured from twin 6mm diameter horizontal wires either side of 5mm diameter vertical wires, providing an excellent defence against vandals and intruders. Pro-twin, has proven itself time and again.

Posts Post section vary from 60x40mm to 100x50mm depending on height

Height 1.2m 1.8m 2.0m 2.4m

Mesh Size The apertures of mesh will be 200x50mm with an option of either a standard 6mm wire or the heavy duty 8mm wire

- Economic security solution
- Anti-vandal fasteners
- Strong cut resistant double wire panels
- Wide range of height options
- Available in Secured by Design option



Products

ExMesh

ExMesh is an expanded steel mesh panel fencing system that is extremely versatile – it can be used for anything from simple boundary demarcation to high-security perimeter protection. With no welded joints or adjacent strands to fret, ExMesh is inherently strong and resilient. Furthermore, ExMesh can be used for applications on sloping grounds without the need for stepping.

Height (above ground)	1.8m	2.4m
Post centres	3m	3m
Post size and type	60x40x3mm RHS	80x40x3mm RHS
No. of stringers required	3	3

- Safety-conscious design with no protruding bolts
- Suitable for sloping ground
- Medium to high security
- A secure alternative to palisade or chain link
- Available in Secured by Design option





Products

Pro-Sure

Our Pro-Sure 358 mesh panel fencing is suitable for areas where higher security is necessary. Good through-visibility means the area on the other side of the fence can be monitored easily, while the fine mesh prevents items being passed through the fence and makes the fence difficult to cut or climb.

Height	2m	2.4m	3m	3.6m	4m	5m	6m
Panel width	2.45m						
Mesh size	12.7 x 76.2mm						
Finish	Galvanised and polyester coated in a range of RAL colours						

- High security
- Attractive appearance, despite dense wire mesh
- Rigid welded steel wire mesh panels
- Very wide choice of heights
- RAL colours



Products

Playsafe & RoSPA Railings

Procter Contracts Playsafe bow top railings meet the requirements of BS EN 1176, the standard for playground equipment, with gaps not exceeding 89mm and no neck entrapments. This product is available in a range of over 180 colours to create a stimulating environment. Our RoSPA-compliant bow top railing system is known as UltraBar.

Size (mm)	900	1000	1200	1500	1800	2000	2100	2400
Playsafe	✓	✓	✓	✓	✓	✗	✗	✗
Bow Top	✓	✓	✓	✓	✓	✓	✓	✓
Vertical Bar	✗	✓	✓	✓	✓	✓		

- Follows ground contours, so no stepping required
- Choice of heights from 0.9m to 2.4m
- Panels can be straight or curved
- All posts have welded caps
- Matching gates available





Products

Tubular railings

Procter Contracts Tubular Railing is very popular in the education sector due to its combination of security and aesthetics. Each panel of tubular railings consists of top and bottom horizontal rails with round or diamond-shaped tubular infill; these panels are fixed to square RHS (rolled hollow section) steel posts.

Styles can be either traditional or more contemporary, which provides excellent versatility for new-build projects and existing schools that are replacing or upgrading their perimeter security.

Height	1m/1.2m	1.5m	1.8m/2m	2.4m/3m
Post section	50x50mm	50x50mm	60x60mm	80x80mm
Top rail	40x10mm	40x10mm	50x10mm	50x10mm
Bottom rail	40x10mm	40x10mm	50x10mm	50x10mm
Infill bar section (CHS)	21.3mm	26.9mm	26.9mm	26.9mm
Finish	Galvanised and polyester coated in a range of RAL colours			

- Option for self-raking panels
- RAL colours
- Available in Secured by Design option



Products

Rondo railings

Rondo Railings are the most traditional style and feature a strong aesthetic. Panels of Rondo Railings consist of horizontal rails top and bottom with either CHS (circular hollow section) or solid vertical bar infill. Panels are mounted on square RHS (rolled hollow section) steel posts. In addition to the circular detail between the tops of the vertical bars, each bar can optionally be fitted with a decorative finial.

Height	1m/1.2m/1.5m	1.8m	1m/1.2m/1.5m
Post section	50x50mm	60x60mm	80x80mm
Top rail	50x10mm	50x10mm	50x10mm
Bottom rail	50x10mm	50x10mm	50x10mm
Infill bar section (CHS)	21.3 - 20mm	12 - 20mm	12 - 20mm
Finish	Galvanised and polyester coated in a range of RAL colours		

- Choice of styles
- RAL colours
- Available in Secured by Design option





Products

Swing gates

Our automatic electric swing gates are operational at industrial, commercial, utility and educational sites across the UK. Generally, our automatic swing gates come in four main styles:

We can design, manufacture and install any type of bespoke electric swing gate; if what you have in mind is not listed above, contact us to discuss your exact requirements.

Other factors we take into account as part of the final specification include:

- Choice of single or double-leaf gates.
- The visual appearance of the automatic swing gate – we can achieve a combination of high security and good aesthetics.

Gates

- Level of security required, with this having a bearing on elements including gauges of material, gate height and additional features such as vertical extensions for barbed wire or electric pulse fence.
- Also related to security is the question of access control, which can be by many different means including keypad, automated, remote control, etc.
- Adjacent fencing – we can supply and install fencing that complements the gate and maintains security either side.

Products

Siding gates

Compared with swing gates, sliding gates require less space when they are open, plus they tend to achieve higher security.

Generally, our standard automatic sliding gates come in three main styles:

- Welded mesh gates
- Palisade gates
- Balustrade gates

Customised or fully bespoke sliding gates in any style can be designed, manufactured and installed to order.

Cantilevered & tracked

Sliding gates are available in two main types, namely cantilevered and tracked. Cantilevered gates run suspended above the roadway and therefore do not require a track, whereas tracked gates are supported and guided by a track set into the roadway. Both types are available in single and double-leaf configurations.

- Cantilevered gates have the advantage of being able to run over an uneven surface.
- Tracked sliding gates are more suitable for very wide openings.





Products

Street Furniture

Procter Contracts is the only UK company offering a comprehensive service for fencing, gates and street furniture, but if you only need street furniture then we are happy to help. Our service covers everything including site surveys, supply and installation. If you require bespoke items, our in-house design and manufacturing facilities give us complete control over design, costs, quality and lead times.

Looking for something that isn't in our current range?

Please contact us and we will source a standard product, modify an existing design or create bespoke street furniture or architectural steelwork that meets your specification perfectly.

Whatever the requirements or priorities of your street furniture project, and wherever it is in the UK, Procter Contracts has the knowledge, expertise and product range to be your onestop-shop for street furniture.

Please call us now or email us with any questions or enquiries.

☎ 0800 2944 177

✉ enquiries@proctercontracts.co.uk





Choosing your perimeter fencing

Several different types of fencing are available, with the final choice being a question of the relative importance of security, aesthetics and cost.

Fences 1.2m high are normally only suitable for boundary demarcation, while a fence 1.8-2.0m high will usually be sufficient to deter casual intruders, and 2.4m fencing is necessary to keep out more determined intruders. In very high-risk schools, fences as high as 3-3.5m may be required, and fences as high as 5m are sometimes installed where ball games are played. Bear in mind that planning authorities will need to be satisfied with the type and height of fencing, as well as any additional security measures specified.

Most schools will want fencing to be coloured for aesthetic reasons, but it should be remembered that dark fencing provides easier through-visibility and, therefore, better security.

Perimeter Fencing Security package

It has already been mentioned that perimeter fencing needs to be considered as just one element of school security. The role played by fencing will depend on a number of factors, such as the results of the risk assessment, the layout of the school and its grounds, whether strict access control is required, and whether there are any public rights of way through the school premises.

In some cases the best approach is to install perimeter fencing around the complete school boundary but, elsewhere, it might be more appropriate to use fencing as part of a package of measures to secure a smaller area around the school buildings. Other measures might include walling, security lighting, CCTV, intruder alarms, automatic fire detection/alarm/sprinkler systems, shutters and grilles on windows and doors, entrances with access controls, defensive hedging, barriers and bollards, and security guards on patrol.

Product	Pros	Cons
Chainlink	Low cost, versatile and available in different finishes	Low security and can be easy to damage
Palisade	Climb-resistance and available in different finishes and shapes	More expensive
Vertical bar (railing)	Not visually obtrusive and with a better level of security	More expensive
Weldmesh	Secure type of fencing, long lasting finish and harder to scale	Limited anti-climb

CCTV

CCTV (closed-circuit television) is a cost-effective deterrent and provides evidence to help secure convictions in the event of crimes being committed. For CCTV to be most effective when used in conjunction with fencing, the fencing should have a relatively open structure — such as weldmesh rather than palisade — to enable the camera to provide a view through the fence.



Gates

Whenever there is a perimeter fence, there needs to be at least one access point.

It is important to ensure that the design and specification of the gates provides the same level of security as the fencing. Hinged and sliding gates are typically used at schools. It is best practice to keep the access points as small in number and size as reasonably possible.

Access Control

Some schools use gates with access control both to keep intruders out and prevent pupils from leaving during school hours. Even if access control is not an immediate requirement, it may be prudent to make allowance for its adoption in the future when specifying gates.



Bollards & Barriers

Depending on the layout of the school buildings and vehicular access, it may be necessary to install bollards and fixed barriers to prevent ram-raiding.

A Guide to Perimeter Security Fencing for Schools

A fence is only as good as its installation. Poorly installed fencing detracts from the appearance of the premises, and everybody knows how important first impressions are; an invited visitor may see the poor fence as a reflection of the school's own standards, while a potential intruder may look upon poorly installed fencing as a sign that the school pays little attention to security.

Furthermore, poorly installed fencing may be easier to breach in some cases, and it will be more likely to need repairs and maintenance earlier than would otherwise be necessary. In the worst case, an insurer may

contest a claim if security fencing is deemed to be unsatisfactory.

Installing fencing is a skilled job and specifiers should be aware that some fencing contractors hire unskilled labour on a project-by-project basis, rather than retaining a team of properly trained installers.

School perimeter fencing achieves the following...

- Marks the school's boundaries.
- Deters casual trespassers and/or determined intruders.
- Increases the time it takes for determined intruders to breach the security.
- Prevents pupils leaving the school without permission.
- Prevents unauthorised removal of property.
- Compliance with insurer's requirements in terms of theft, damage and public liability.



Top tips for specifying school perimeter fencing

1

Security

Perimeter fencing deters casual trespassers and determined intruders. In addition, fencing helps to combat truancy and provides 'peace of mind' for parents. The circumstances are different for every school, which is why a risk assessment is so important.

2

Access points

Gates should be sited where they are clearly visible and be limited in number. This will allow staff to monitor pupil movement and vehicle access, and keep track of who is on the site.

3

Risk assessment

Before specifying or purchasing perimeter fencing a thorough risk assessment should be undertaken to understand the risks. Note that the risk assessment should be reviewed periodically or in the event of relevant changes to circumstances relating to the school or its environment.

4

Maintenance

Good quality fencing should need minimal maintenance. However, occasional inspections should be carried out to ensure that trees have not grown to provide an easy means of climbing over the fence, bushes and other vegetation are not blocking the view from CCTV cameras (if installed), and that nothing else is compromising the security.

www.proctercontracts.co.uk enquiries@proctercontracts.co.uk

Call 0800 2944 177 for your free site survey

