BARKERS FENCING

DESIGN, MANUFACTURE & FINISHING. THE COMPLETE SERVICE.

SPORTS & RECREATION
BOUNDARY DEMARCATION & SAFETY
LOW TO MEDIUM SECURITY
ANTI-INTRUDER
HIGH SECURITY
MAXIMUM SECURITY

PERIMETER SYSTEMS PORTFOLIO
Barkers Fencing are a market leading company, manufacturing high performance fencing products to suit every application. Barkers Fencing are unique in their approach to the fencing market with a start-to-finish package; manufacturing, galvanizing and a state-of-the-art powder coating plant all on one site, plus a team of skilled and experienced professionals whose attention to detail, quality and service is unrivalled in the industry.

As a business we are constantly trying to reduce our carbon footprint and are fully committed to reducing the environmental impact throughout the Barkers Engineering Group. We constantly promote the reduction of waste and the sustainable use of energy by ourselves, members of our supply chain and others who may be affected by the company’s services. Our on-site galvanizing and powder coating plant enables us to take approximately 25 truck loads off the roads each week, due to us not having to transport manufactured goods to external suppliers.

We will pursue the implementation of environmental commitments in order to ensure our continual improvement, and we are also currently working towards achieving BS: EN: ISO: 14001 accreditation for environmental management.

Galvanizing provides a long-lasting, tough and low-maintenance zinc coating. Zinc is 100% recyclable and sustainable and prolongs the steel’s durability requiring minimal maintenance and service. Our highly trained technical operatives and advanced production facilities operate to the latest galvanizing standard BS: EN: ISO: 1461: 2009, to achieve the highest quality and most reliable galvanized finish. We galvanize for fencing manufacturers, agricultural manufacturers, general engineers and many other industries.

Powder coating provides a tough, durable, but highly decorative finish. Our powder coatings are available in a range of more than 160 colours, matched to BS and European RAL standards and are noted for their mechanical, chemical, and corrosion protection. The very latest digital powder coating technology ensures powder is gently delivered in precise dosing quantities, and then uniformly applied to achieve a distinctly better spray pattern and a surface finish to the latest BS: EN: 13438: 2005 Quality Assurance benchmark. We powder coat for fencing manufacturers, agricultural manufacturers, general engineers and many other industries.

Suppliers of a wide range of standard fasteners, a dedicated range of special fasteners, along with castings, pressings, turned parts, fabricated parts and plastic components, all made to individual customer requirements. Delivery throughout the UK and Ireland can be next day via our own transport or carrier. BS: EN: ISO: 9001: 2008 Quality Management System, guarantees exceptional service.

Barkers are fully engaged in the continuous improvement of their products. A Quality Management System has been adopted, which complies to the requirements of BS: EN: ISO: 9001: 2008, giving a commitment to continuously improving its effectiveness.

The specifications shown in this brochure are correct at time of printing. Barkers Fencing are continually developing their products and reserve the right to change the specifications at any time without notice.
At Barkers Fencing there is a dedicated team of professional perimeter security advisors to assist in all aspects of the tender and specification process.

**Design, consultation and specification**

At Barkers Fencing we understand how difficult and time consuming it can be to find exactly the right products for each stage of your project.

Fencing design, specifications and requirements are no different. Why not rely on the experts - let us do the hard work for you.

If you have a concept or design, we can create a bespoke system or recommend a solution from our perimeter security range to perfectly match your needs.

We can prepare detailed specification documents and provide complete drawings ready to be inserted straight into your tender documents and sent to your client, main or sub contractors.

And with our network of preferred contractors we can also recommend an approved installer local to your project.

Years of being a market leader has given us the investment capabilities required to continually improve our machinery and capacity. A state-of-the-art laser machine and two robot welders, further enhance our ability to produce a quality product in the shortest possible lead time.
### Fence Style

<table>
<thead>
<tr>
<th>Fence Style</th>
<th>Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PALISADE</strong></td>
<td>Always available from stock</td>
</tr>
<tr>
<td></td>
<td>Palisade fencing with either a ‘D’ or a ‘W’ profile to varying specifications including Gas, Water &amp; Electric Companies and Public Sector specifications.</td>
</tr>
<tr>
<td></td>
<td>1.8m, 2.0m, 2.1m, 2.4m &amp; 3.0m Various D and W Profiles.</td>
</tr>
<tr>
<td></td>
<td>Powder Coating also available for quick delivery from on-site powder coating plant.</td>
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<tr>
<td></td>
<td>Gates - 1.2m S/L, 4.0m D/L &amp; 5.0m D/L at various heights.</td>
</tr>
<tr>
<td><strong>BASEPLATED PALISADE POSTS</strong></td>
<td>19755 PE posts baseplated for on-site bolting down.</td>
</tr>
<tr>
<td></td>
<td>To suit 1.8m, 2.0m &amp; 2.4m high.</td>
</tr>
</tbody>
</table>

### Mesh

<table>
<thead>
<tr>
<th>Mesh</th>
<th>3.02m Centre /GUARD</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A high performance system complete with excellent appearance.</td>
</tr>
<tr>
<td></td>
<td>1.8m, 2.0m and 3.0m Powder Coated Green in stock.</td>
</tr>
<tr>
<td></td>
<td>Gates - 1.2m S/L, 4.0m D/L &amp; 5.0m D/L at various heights.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mesh</th>
<th>TwinGuard</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Excellent rigid panel system with increased protection against cut through, good alternative on industrial sites where other products are not suitable.</td>
</tr>
<tr>
<td></td>
<td>1.8m, 2.0m and 2.4m Powder Coated Green in stock.</td>
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<td>Gates - 1.2m S/L, 4.0m D/L &amp; 5.0m D/L at various heights.</td>
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<thead>
<tr>
<th>Mesh</th>
<th>FastGuard</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>The expanded metal mesh is formed from a single sheet of steel making it a highly durable fabric for a fencing system with excellent see through visibility.</td>
</tr>
<tr>
<td></td>
<td>1.8m, 2.0m and 2.4m Ref-1697, Galvanized and galvanized &amp; powder coated.</td>
</tr>
</tbody>
</table>

### Railings

<table>
<thead>
<tr>
<th>Railings</th>
<th>BowTop</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Panels are available as standard to 2.7m wide panels welded in accordance with BS: 1722 Part 1.</td>
</tr>
<tr>
<td></td>
<td>1.2m, 1.2m round, 30x10 flat galvanized and galvanized &amp; powder coated.</td>
</tr>
<tr>
<td></td>
<td>Gates - 1.2m S/L &amp; 3.0m D/L.</td>
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</table>

<table>
<thead>
<tr>
<th>Railings</th>
<th>PlaySafe Bow Top</th>
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<tbody>
<tr>
<td></td>
<td>PlaySafe meets the requirements of BS: EN 1176 playground equipment, with gaps not exceeding 8.8mm and free from any neck entrapments.</td>
</tr>
<tr>
<td></td>
<td>1.2m, 1.2m round, 30x10 flat galvanized and galvanized &amp; powder coated.</td>
</tr>
<tr>
<td></td>
<td>Gates - 1.2m S/L &amp; 3.0m D/L.</td>
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<thead>
<tr>
<th>Railings</th>
<th>Continuous Bar Estate Rail</th>
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<tbody>
<tr>
<td></td>
<td>Ideal for use on uneven ground, it can follow the contours of the ground and can be easily curved.</td>
</tr>
<tr>
<td></td>
<td>1.2m high, 20mm round top rail, 25mm x 9mm lower rails.</td>
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<tr>
<td></td>
<td>Galvanized for on-site painting.</td>
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<td></td>
<td>Gates - 1.2m S/L &amp; 3.0m D/L.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Railings</th>
<th>Pedestrian Guardrail</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Pedestrian Guardrail panels are the most cost effective way of protecting pedestrian traffic from road going vehicles.</td>
</tr>
<tr>
<td></td>
<td>1.2m high galvanized or can be powder coated in our on-site plant for quick delivery.</td>
</tr>
</tbody>
</table>
Our range of fencing systems are designed and manufactured to satisfy just about every fencing requirement: from boundary demarcation and safety to low risk security, from anti-intruder to maximum security systems.

We also offer a free consultancy and bespoke design service so that we can satisfy your unique requirements.

**BARKERS FENCING**

**THE COMPLETE RANGE - CONTENTS**

<table>
<thead>
<tr>
<th>Page no.</th>
<th>Barkers Palisade fencing</th>
<th>Railing systems</th>
<th>Barkers designer range</th>
<th>Mesh fencing systems</th>
<th>The Barkers Sports Range</th>
<th>Cantilever &amp; Protector Gates</th>
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</table>

**Fencing Security Level**

**Applications**

- **Sport Recreational & Environmental** - up to 5.00m
- **1** Boundary, demarcation & safety - 0.90m to 2.00m
- **1 to 2** Low to medium risk security - 1.80m to 2.40m
- **2 to 3** Anti-intruder, medium to high security - 2.40m to 3.00m
- **3** High security - 3.00m to 3.60m
- **4** Maximum security - 3.60m to 5.20m

**Railing Systems**

- Palisade
- Palisade GUARD
- Palisade GUARD - BT
- Palisade GUARD - VB
- Palisade GUARD - DT
- Palisade GUARD - R
- Palisade GUARD - CONTINUOUS
- Palisade GUARD - FORGED
- Palisade GUARD - PRO
- Palisade GUARD - TWIN
- Palisade GUARD - SECURE
- Palisade GUARD - 358
- Palisade GUARD - FAST
- Palisade GUARD - NOISE
- Palisade GUARD - PEDESTRIAN

**Mesh Systems**

- A range of solutions suitable for every application, from basic demarcation needs to maximum security environments.

**Gates**

- Designed and developed to satisfy the demanding needs of the Sports Council and other sporting bodies. Strong and secure all-sport enclosures for low, medium and high impact sports.

- Designed to complement the full product portfolio of our fencing systems.

www.barkersfencing.com
Heights 1.2 m, 1.5 m, 1.8 m, 2 m, 2.1 m, 2.4 m and 3 m and 3.6 m heights are available.

Paling tops Can be single pointed, triple pointed, square tops, round and notchied tops or rounded only.

Horizontals Available in 3 standard sizes according to height and site requirements: 45x45, 50x50 and 65x50 mm.

Panels Panesls can be easily raked to allow for most site conditions, and can also be welded at our factory for added security.

Fixings All fixings are anti-vandal.

Gates Standard gates are available or bolted to suit your requirements including: Locinox locks, HYDRACLOSE self-closers, razor wire extensions and other bespoke items to suit your needs. All gates are supplied with rear hung adjustable hinges, padlockable drop-bolts, multi-holed to suit site conditions complete with anti-climb protection.

All our palisade gates are to BS: EN 1722 pt 12. See our gate range for further details.

Additional security toppings Barkers Fencing supply additional toppings for security fences including razor wire coils, razor wire tape, barbed wire, rotating spikes.
We can also prepare fence posts to take electric security fence on the back and work closely with the major electric security fence manufacturers.

Designed to be a strong and durable construction, Barkers Palisade fencing provides excellent protection against climbing and cut-through. Palisade fencing with either a ‘D’ or a ‘W’ profile to varying specifications including Gas, Water & Electric Companies and Public Sector specifications.
Heights
Produced from solid bar, in all heights up to 3.0m.

Horizontals
Available in flat or channel section.

Posts
Intermediates, Corners and Ends are available in a wide range of sizes and materials including: RHS and IPE, with the provision to be stepped or cranked to suit site conditions, secured in concrete (supplied complete with optional two support legs per standard panel for concrete-in fixing or base plated for surface mounting). All posts come with welded steel caps. A range of post head details available for all railings as an optional extra.

Panels
Panels are available as standard to 2.72m wide panels welded in accordance with BS: EN: 1722 Pt9.

PLAYSAFE meets the requirements of BS: EN: 1176 playground equipment, with gaps not exceeding 89mm and free from any neck entrapments, and is available in a range of over 180 colours.

Barkers Fencing PLAYSAFE-BT complements a stimulating environment and has been designed with safety in mind.

BARKERS FENCING RAILING SYSTEMS
FOR SCHOOLS, PLAY AREAS, COMMERCIAL BUSINESS & RETAIL OUTLETS

Fence Embedded Diameter of Spacing of Size of Size of
height post vertical round (mm) verticals (centres) horizontals (mm)

<table>
<thead>
<tr>
<th>Fence height (m)</th>
<th>Embedded height of post (mm)</th>
<th>Diameter of vertical round (mm)</th>
<th>Spacing of verticals (centres)</th>
<th>Size of horizontals (mm)</th>
<th>Size of RHS post (mm)</th>
<th>Size of RHS post (mm)</th>
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<td>1.2</td>
<td>150</td>
<td>12</td>
<td>112</td>
<td>30 x 10</td>
<td>100 x 55</td>
<td>50 x 50</td>
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<td>1.5</td>
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<td>112</td>
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<td>120</td>
<td>40 x 10</td>
<td>100 x 55</td>
<td>70 x 70</td>
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<td>2.4</td>
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<td>120</td>
<td>50 x 10</td>
<td>100 x 55</td>
<td>80 x 80</td>
</tr>
</tbody>
</table>

Table 1: Standard sizes

Barkers Fencing
PLAYSAFE-BT
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PLAYSAFE meets the requirements of BS: EN: 1176 playground equipment, with gaps not exceeding 89mm and free from any neck entrapments, and is available in a range of over 180 colours.

BARKERS FENCING RAILING SYSTEMS
PLAYGROUNDS, SCHOOLS, PUBLIC AREAS

Fence Embedded Diameter of Spacing of Size of Size of
height post vertical round (mm) verticals (centres) horizontals (mm)

<table>
<thead>
<tr>
<th>Fence height (m)</th>
<th>Embedded height of post (mm)</th>
<th>Diameter of vertical round (mm)</th>
<th>Spacing of verticals (centres)</th>
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<td>80 x 80</td>
</tr>
</tbody>
</table>

Table 2: Standard sizes

BARKERS FENCING RAILING SYSTEMS
FOR SCHOOLS, PLAY AREAS, COMMERCIAL BUSINESS & RETAIL OUTLETS

Fence Embedded Diameter of Spacing of Size of Size of
height post vertical round (mm) verticals (centres) horizontals (mm)

<table>
<thead>
<tr>
<th>Fence height (m)</th>
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</table>

Table 3: Standard sizes

BARKERS FENCING RAILING SYSTEMS
PLAYGROUNDS, SCHOOLS, PUBLIC AREAS

Fence Embedded Diameter of Spacing of Size of Size of
height post vertical round (mm) verticals (centres) horizontals (mm)

<table>
<thead>
<tr>
<th>Fence height (m)</th>
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Table 4: Standard sizes
Barkers Fencing provides a bespoke service to satisfy individual needs in terms of product type, size, finish and features. The **DESIGNER RANGE** complements all our railing systems.

The **DESIGNER RANGE** enables the client to individually design and create a fence system to specifically enhance architectural surroundings, incorporating where required additional safety features, or to satisfy local area planning requirements.

The products included in this brochure indicate the most commonly requested sizes and dimensions for each of the fencing systems.

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The **DESIGNER RANGE** enables the client to individually design and create a fence system to specifically enhance architectural surroundings, incorporating where required additional safety features, or to satisfy local area planning requirements.

The products included in this brochure indicate the most commonly requested sizes and dimensions for each of the fencing systems.

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**Vertical bar railings are aesthetically pleasing, built to last and can be complemented with a range of forged-heads and finials available as an option to achieve a more decorative look.**

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### Standard sizes

<table>
<thead>
<tr>
<th>Fence height (m)</th>
<th>Embedded length of post</th>
<th>Diameter of round or side of square (mm)</th>
<th>Spacing of verticals (centimetres)</th>
<th>Size of horizontals (mm)</th>
<th>Size of RHS post</th>
<th>Size of RHS post</th>
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<td>112</td>
<td>30 x 10</td>
<td>100 x 50</td>
<td>50 x 50</td>
</tr>
<tr>
<td>1.2</td>
<td>330</td>
<td>12</td>
<td>112</td>
<td>30 x 10</td>
<td>100 x 50</td>
<td>50 x 50</td>
</tr>
<tr>
<td>1.5</td>
<td>330</td>
<td>12</td>
<td>112</td>
<td>40 x 10</td>
<td>100 x 50</td>
<td>50 x 50</td>
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<tr>
<td>1.5</td>
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<td>40 x 10</td>
<td>100 x 50</td>
<td>50 x 50</td>
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<tr>
<td>1.8</td>
<td>330</td>
<td>20</td>
<td>120</td>
<td>50 x 10</td>
<td>100 x 50</td>
<td>70 x 70</td>
</tr>
<tr>
<td>1.8</td>
<td>330</td>
<td>20</td>
<td>120</td>
<td>50 x 10</td>
<td>100 x 50</td>
<td>70 x 70</td>
</tr>
</tbody>
</table>

Heights can be any height up to 3.0m and produced from solid bar round or square, square-to-view or diamond-to-view with either blunt, domed or pointed tops.

**Horizontals**

Available in flat or channel section.

**Posts**

Intermediates, Corners and End posts are available in a wide range of sizes and materials including: RHS and RSJ, with the provision to be stepped or cranked to suit site conditions, secured in concrete (supplied complete with optional two support legs per standard panel for concrete-in fixing) or base plated for surface mounting. All posts come with welded steel caps. A range of post head details are available for all railings as an optional extra.

**Gates**

Standard gates are available or tailored-made to suit your requirements. All gates are supplied with side hung adjustable hinges, pad-lockable drop-bolts, multi-holed to suit site conditions and robust pad-lockable slide latches. See our gate range for further details.

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**See our gate range for further details.**

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**Verticals can be any height up to 3.0m and produced from solid bar round or square, square-to-view or diamond-to-view with either blunt, domed or pointed tops.**

---

**Horizontals**

Available in flat or channel section.

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---

**See our gate range for further details.**
<table>
<thead>
<tr>
<th>Fence height (m)</th>
<th>Embedded RHSverts</th>
<th>Spacing of verticals (centres)</th>
<th>Rails</th>
<th>Size of RHS post</th>
<th>Size of RSJ post</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.2</td>
<td>550</td>
<td>20mm dia</td>
<td>125</td>
<td>100 x 55</td>
<td>50 x 50</td>
</tr>
<tr>
<td>1.5</td>
<td>550</td>
<td>20mm dia</td>
<td>125</td>
<td>100 x 55</td>
<td>50 x 50</td>
</tr>
<tr>
<td>1.8</td>
<td>600</td>
<td>20mm dia</td>
<td>125</td>
<td>100 x 55</td>
<td>70 x 70</td>
</tr>
<tr>
<td>2.4</td>
<td>600</td>
<td>20mm dia</td>
<td>125</td>
<td>100 x 55</td>
<td>80 x 80</td>
</tr>
</tbody>
</table>

Heights
Verticals can be in any height up to 3.0m and produced from square hollow section, square-to-view or diamond-to-view with either blunt or mitred tops.

Horizontals
Available in flat, rolled steel channel section.

Posts
Intermediates, Corners and Ends are available in a wide range of sizes and materials including: RHS and RSJ, with the provision to be stepped or cranked to suit site conditions, secured in concrete (supplied complete with two support legs per standard panel for concrete-in fixing) or base plated for surface mounting. All RHS and RSJ posts are manufactured with welded steel caps and a range of post head details are available for all railings as an optional extra.

Panels
Panels are available as standard to 2.72m wide panels welded in accordance with BS: EN 1722 Pt9. Panels can also be made to suit your specific requirements - straight, curved or raked.

Gates
Standard gates are available or tailored-made to suit your requirements. All gates are supplied with side hung adjustable hinges, pad-lockable drop-bolts, multi-holed to suit site conditions and robust pad-lockable slide latches. See our gate range for further details.

Diamond-to-View
Square is a strong tubular railing system manufactured in accordance with BS: EN 1722 Pt9. Supplied with a mitred, flat top or complemented with a range of forged-head finials.
Barkers Fencing

Forged head railings are aesthetically pleasing, and hot dipped galvanized for a long life.

**Standard sizes**

<table>
<thead>
<tr>
<th>Fence height (m)</th>
<th>No of rails</th>
<th>Diameter of round top rail</th>
<th>Lower rail section</th>
<th>Inter post section</th>
<th>End post section</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.2</td>
<td>4</td>
<td>25mm</td>
<td>20*1 at</td>
<td>M20 (31)</td>
<td>Edelstahl Chun</td>
</tr>
</tbody>
</table>

Heights

Up to 3.0m tall and produced from solid round or square bar or hollow section infill with your choice of ornate finial tops.

**Horizontals**

Available in flat or channel section.

**Posts**

Intermediates, Corner and End and are available in a wide range of sizes and materials including: RHS and RSJ, with the provision to be stepped or cranked to suit site conditions, secured in concrete (supplied complete with two optional support legs per standard panel for concrete-in fixing or base plated for surface mounting). All posts come with welded steel caps. A range of post head details available for all railings as an optional extra.

**Gates**

Standard gates are available or tailored-made to suit your requirements. All gates are supplied with side hung adjustable hinges, pad-lockable drop-bolts, multi-holed to suit site conditions and robust pad-lockable slide latches. See our gate range for further details.

**Panels**

Panels are available as standard to 2.75m wide post centres welded in accordance with BS: EN. 1722 Part 9. Panels can also be made to suit your specific requirements - straight, curved or raked.
Designed to add an aesthetic appeal to our mesh fencing product range, a high performance system complete with excellent appearance.

Panels
Manufactured using 5mm wire welded at each intersection, complete with pressed beams creating a strong and durable panel. The mesh aperture consists of a 200 x 50mm mesh spacing providing excellent see through visibility.

Post system
Standard posts are manufactured from 60 x 60 x 2.5mm Rolled Hollow Section. All posts include threaded inserts, leaving a clean and flush design to the rear face. Specially designed PROFIX Securing system brackets are used for quick and easy installation.

Gates
Standard gates are available or tailored-made to suit your requirements. All gates are supplied with rear hung adjustable hinges, pad-lockable drop-bolts, multi-holed to suit site conditions complete with anti-climb protection. See our gate range for further details.

Applications
A rigid type system providing excellent visual appearance. Its aesthetic task is especially popular with Architects and Specifiers. Manufactured to BS: EN: 1722 Part 14 – Cat 1 & 2.

Panels
Manufactured using 4mm vertical and 5mm horizontal wires welded at each intersection, complete with pressed beams creating a strong and durable panel. The mesh aperture consists of a 150 x 500mm mesh spacing providing excellent see through visibility.

Post system
Standard posts are manufactured from 60 x 60 x 2.5mm Rolled Hollow Section. All posts include threaded inserts, leaving a clean and flush design to the rear face. Specially designed PROGUARD Securing system brackets are used for quick and easy installation. As an optional extra, a slotted 40 x 5mm flat clamp bar can be used for additional security.

Applications
The PROGUARD system is suitable for most applications where general site demarcation is required. Typical examples: schools, public areas, commercial businesses and retail outlets.

Available from stock, see page 6
Excellent rigid panel system with increased protection against cut through, ideal for use in schools, commercial outlets and a good alternative on industrial sites where other products are not suitable.

A rigid type system providing excellent see through visibility! A high security fence system providing excellent protection against vandalism and intrusion. Typical examples: schools, public areas, demarcation is required. Typical applications

SECUREGUARD+ has been specifically designed to give an aesthetic appearance yet providing a high degree of security.

Developed with the same security features of SECUREGUARD+SO, with the addition of a V-beam to prevent flexing and to retain a rigid and straight fenceline. SECUREGUARD+ is used to substantially reduce intrusion and vandalism.

A high security fence system providing excellent protection against vandalism and intrusion. The SECUREGUARD+ system is suitable for sites requiring a high degree of security. Typical examples: schools, distribution centres, industrial parks, commercial businesses and production plants.

Provision can be made for use in schools, public areas, demarcation is required. Typical applications

See our gate range for further details.

Stainless steel padlockable drop-bolts, multi-holed to suit site conditions complete with anti-climb protection. See our gate range for further details.

Additional security toppings Barkers supply additional toppings for security fences including razor wire coils, razor wire tape, barbed wire, rotating spikes.

We can also prepare fence posts to take electric security fence on the back and work closely with the major electric security fence manufacturers.

Panel system

Standard posts are manufactured from 60 x 60 x 2.5mm Rolled Hollow Section. All posts include threaded inserts, leaving a clean and flush design to the rear face.

Post system

Standard posts are manufactured from 60 x 60 x 2.5mm Rolled Hollow Section. All posts include threaded inserts, leaving a clean and flush design to the rear face.

Panels

Manufactured using 6mm vertical and 2mm horizontal wires welded at each intersection creating a strong and durable panel. The mesh aperture consists of a 200 x 50mm mesh spacing providing excellent see through visibility!

APPLICATIONS

The TWINGUARD system is suitable for most applications where general site demarcation is required. Typical examples: schools, public areas, industrial sites and retail outlets.

Gates

Standard gates are available or tailored-made to suit your requirements. All gates are supplied with rear hung adjustable hinges, pad-lockable drop-bolts, multi-holed to suit site conditions complete with anti-climb protection. See our gate range for further details.

Additional security toppings

Barkers supply additional toppings for security fences including razor wire coils, razor wire tape, barbed wire, rotating spikes.

We can also prepare fence posts to take electric security fence on the back and work closely with the major electric security fence manufacturers.

Stainless steel padlockable drop-bolts, multi-holed to suit site conditions complete with anti-climb protection. See our gate range for further details.

BARKERS FENCING MESH SYSTEMS

SCHOOLS, PLAY AREAS, COMMERCIAL BUSINESS, RETAIL OUTLETS

BARKERS FENCING MESH SYSTEMS - SCHOOLS, PLAY AREAS, COMMERCIAL BUSINESS, INDUSTRIAL SITES, PRODUCTION PLANTS

www.barkersfencing.com

SECUREGUARD+ has been specifically designed to give an aesthetic appearance yet providing a high degree of security.

Developed with the same security features of SECUREGUARD+SO, with the addition of a V-beam to prevent flexing and to retain a rigid and straight fenceline. SECUREGUARD+ is used to substantially reduce intrusion and vandalism.

A high security fence system providing excellent protection against vandalism and intrusion. The SECUREGUARD+ system is suitable for sites requiring a high degree of security. Typical examples: schools, distribution centres, industrial parks, commercial businesses and production plants.

Provision can be made for use in schools, public areas, demarcation is required. Typical applications

See our gate range for further details.

Stainless steel padlockable drop-bolts, multi-holed to suit site conditions complete with anti-climb protection. See our gate range for further details.

Additional security toppings

Barkers supply additional toppings for security fences including razor wire coils, razor wire tape, barbed wire, rotating spikes.

We can also prepare fence posts to take electric security fence on the back and work closely with the major electric security fence manufacturers.

Stainless steel padlockable drop-bolts, multi-holed to suit site conditions complete with anti-climb protection. See our gate range for further details.

BARKERS FENCING MESH SYSTEMS

SCHOOLS, PLAY AREAS, COMMERCIAL BUSINESS, RETAIL OUTLETS

BARKERS FENCING MESH SYSTEMS - SCHOOLS, PLAY AREAS, COMMERCIAL BUSINESS, INDUSTRIAL SITES, PRODUCTION PLANTS

www.barkersfencing.com
This high performance system provides the ultimate protection against anti-climb and cut through. Suitable for use in schools, retail parks, business parks, utility sites, airports and secure units. Detection systems are fully compatible with SECUREGUARD-358.

Heights
1.8m, 2.0m, 2.4m, 2.7m and 3.0m.

Mesh size
75mm x 12.5mm x 4.5mm wires.

Panels
Manufactured using 4mm wire welded at each intersection creating a strong and durable panel. The mesh aperture consists of a 19.2 x 12.7mm mesh spacing providing ultimate protection against climbing and cut-through with excellent see through visibility. Panels can be double-skinned and/or buried on-site for additional security.

Post system
Standard posts are manufactured from 80 x 80 RHS up to 2.4m high, rolled hollow section and include stepping provisions to suit on-site conditions. All posts include bolt-through or threaded inserts. Specially designed PROFIX Securing clamp system is used for quick and easy installation. Extra length posts can be used to increase the fence heights above standard heights.

Posts
60 x 60 RHS c/w clamp bar and M8 cup square bolts complete with cone nuts through the posts.
60 x 80 RHS c/w clamp bar and M8 cup square bolts complete with cone nuts through the posts.
80 x 40 RHS c/w clamp bar and M8 cup square bolts complete with cone nuts through the posts.
80 x 80 RHS c/w clamp bar and M8 cup square bolts complete with cone nuts through the posts.

Gates
Standard gates are available or tailored-made to suit your requirements. All gates are supplied with rear hung adjustable hinges, pad-lockable drop-bolts, multi-holed to suit site conditions complete with anti-climb protection. See our gate range for further details.

Additional security toppings
Barkers Fencing supply additional toppings for security fences including razor wire coils, razor wire tape, barbed wire, rotating spikes. We can also provide fence posts to take electric security fence on the back and work closely with the major electric security fence manufacturers.
The FASTGUARD system provides excellent protection against penetration and climbing - a robust demarcation to deter against unwanted intrusion and vandalism.

FASTGUARD is versatile and suits almost every application from low cost demarcation to the highest security establishments.

**Post system**
Posts are generally manufactured from 60 x 40 x 3mm RHS (1.9 high) and 80 x 40 x 3mm RHS (2.4 high), alternative sections are available. For Rail conditions, posts should be 150mm longer in the base to allow for the track ballast.

All posts are supplied with either threaded inserts or bolt-through as requested. Specially designed clamp bar is used to secure the panel in place. Posts can be supplied on base plates, with crank to fit onto a wall or as standard are buried to British Standards post depths (any special requirements can be supplied).

**Standard fence heights**
1.8m and 2.4m as standard - However any height up to 2.8m can be produced using a single mesh panel and higher heights using overlapping joints. All panels are produced to accommodate 3m post centres.

**Mesh Specification details**
- 16.91 Commercial – 100 x 50 diamond 3mm thick x 3mm strand
- 16.97 General – 100 x 50 diamond 3mm thick x 5mm strand
- 9.90 Security – 50 x 23 diamond x 3mm thick x 3mm strand. Other meshes are available upon request.

**Gates**
Standard gates are available or tailored-made to suit your requirements. All gates are supplied with anti-tamper adjustable hinges, pad-lockable drop-bolts, multi-holed to suit site conditions complete with anti-climb protection.

**Additional security toppings**
Barkers supply additional toppings for security fences including razor wire coils, razor wire tape, barbed wire, rotating spikes.

<table>
<thead>
<tr>
<th>Fence height (m)</th>
<th>Panel size H x W (mm)</th>
<th>Number of rails</th>
<th>Cross rail size</th>
<th>Post size (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.4</td>
<td>1400 x 3100</td>
<td>2</td>
<td>60 x 40</td>
<td></td>
</tr>
<tr>
<td>1.8</td>
<td>1600 x 3100</td>
<td>2 or 3</td>
<td>60 x 40</td>
<td></td>
</tr>
<tr>
<td>2.1</td>
<td>2100 x 3100</td>
<td>3</td>
<td>60 x 40 or 80 x 40</td>
<td></td>
</tr>
<tr>
<td>2.4</td>
<td>2400 x 3100</td>
<td>3</td>
<td>80 x 40</td>
<td></td>
</tr>
<tr>
<td>2.8</td>
<td>2800 x 3100</td>
<td>3 or 4</td>
<td>80 x 40</td>
<td></td>
</tr>
</tbody>
</table>

The expanded metal mesh is formed from a single sheet of steel making it a highly durable fabric for a fencing system with excellent see through visibility.

With anti-tamper fixings as standard, the system is ideally suited for all sectors including trackside, utilities, schools, industrial, ports and MoD.

**Available from stock**
See page 6

**Available from stock**
See page 6

www.barkersfencing.com
NOISE BARRIER

Barkers Fencing manufacture posts to match all types of reflective or absorptive acoustic panels.


Heights
1.8m up to 5.0m, as well as manufactured to your exact requirements.

Fixings
Stopper plates, holes, welded cleats, as well as manufactured to your exact requirements.

Posts
All sections of IPE, RSJ, UC & UB available. Posts can be cranked, baseplated, wall fixed or concrete-in.

Panels
Posts manufactured to fit all reflective or absorptive panel systems.

Finish
Galvanized or galvanized & powder coated.

ACOUSTIC BARRIER POSTS FOR ROADSIDE & INDUSTRIAL APPLICATIONS

PED ESTRI A N GUARD

PEDESTRIAN GUARD panels are the most cost effective way of protecting pedestrian traffic from road going vehicles.

Pedestrian Guard Heights Post centres Embedded section Post Section Post Section Infill Size (mm) Infill Spacing Visibility Gap High visibility infill layout

1 3 20 50*2 5 50*2 5 12 110 option option

1 2 175 50*2 5 50*2 5 16 110 option option

Standard sizes

Finish
Galvanized or galvanized & powder coated.

Fixings
Stopper plates, holes, welded cleats, as well as manufactured to your exact requirements.

Pedestrian Guard Heights Post centres Embedded section Post Section Post Section Infill Size (mm) Infill Spacing Visibility Gap High visibility infill layout

1 3 20 50*2 5 50*2 5 12 110 option option

1 2 175 50*2 5 50*2 5 16 110 option option

Visibility Gap
Pedestrian Guard

Fence Height Post centres Embedded section Post Section Post Section Infill Size (mm) Infill Spacing Visibility Gap High visibility infill layout

1 3 350 50*2 5 50*2 5 12 110 option option

1 2 350 50*2 5 50*2 5 16 110 option option

Standard sizes

Finish
Galvanized or galvanized & powder coated.

Fixings
Stopper plates, holes, welded cleats, as well as manufactured to your exact requirements.
Panels
Manufactured using 6mm vertical and 2no. 8mm horizontal wires (5mm vertical + 2no. 6mm horizontal for SPORTSBRONZE (LITE)), welded at each intersection creating a strong and durable panel. The mesh aperture consists of a 200 x 50mm mesh spacing providing excellent see through visibility!

Heights
2m, 3m, 4m, 4.5m and 5m. Heights above 3m can be achieved using panel increment sections, enabling a quick and safe installation.

Fixings detail
Barkers Fencing anti-vibration PROFIX Twin clamp assembly provides a smooth and flush detail, protecting against personal injury and product damage.

Posts
Standard post sections available are 60 x 60 x 2.5mm or 80 x 80 x 3mm. For increased fence height further post sizes are also available.

Sports Equipment & Accessories
We also supply a full range of high quality sports equipment including: Basketball hoops & boards, Tennis posts & nets, 5-a-side and full size Football goals, Badminton posts & nets, Volleyball posts & nets, Netball hoops & posts, Trampolines and more.

SPORTSBRONZE has been designed to provide a cost effective solution for most general sporting applications. Excellent for use in schools, urban sports grounds, health clubs and ball containment areas. Specifically designed for general/low impact sporting applications.

SPORTSBRONZE REBOUND is the next generation of sports mesh. The integrated rebound panel gives an incredibly true ball rebound and excellent durability.

ALSO AVAILABLE IN 6 x 5 x 6 W IRES W HERE C OST SAVINGS ARE REQUIRED

SPORTSBRONZE has been designed to provide a cost effective solution for most general sporting applications. Excellent for use in schools, urban sports grounds, health clubs and ball containment areas. Specifically designed for general/low impact sporting applications.

Panels
Manufactured using 6mm vertical and 2no. 8mm horizontal wires (5mm vertical + 2no. 6mm horizontal for SPORTSBRONZE (LITE)), welded at each intersection creating a strong and durable panel. The mesh aperture consists of a 200 x 50mm mesh spacing providing excellent see through visibility.

Heights
2m, 3m, 4m, 4.5m and 5m. Heights above 3m can be achieved using panel increment sections, enabling a quick and safe installation.

Fixings detail
Barkers Fencing anti-vibration PROFIX Twin clamp assembly provides a smooth and flush detail, protecting against personal injury and product damage.

Posts
Standard post sections available are 60 x 60 x 2.5mm or 80 x 80 x 3mm. For increased fence height further post sizes are also available.

Sports Equipment & Accessories
We also supply a full range of high quality sports equipment including: Basketball hoops & boards, Tennis posts & nets, 5-a-side and full size Football goals, Badminton posts & nets, Volleyball posts & nets, Netball hoops & posts, Trampolines and more.

SPORTSBRONZE has been designed to provide a cost effective solution for most general sporting applications. Excellent for use in schools, urban sports grounds, health clubs and ball containment areas. Specifically designed for general/low impact sporting applications.

Panels
Manufactured using 6mm vertical and 2no. 8mm horizontal wires (5mm vertical + 2no. 6mm horizontal for SPORTSBRONZE (LITE)), welded at each intersection creating a strong and durable panel. The mesh aperture consists of a 200 x 50mm mesh spacing providing excellent see through visibility.

Heights
2m, 3m, 4m, 4.5m and 5m. Heights above 3m can be achieved using panel increment sections, enabling a quick and safe installation.

Fixings detail
Barkers Fencing anti-vibration PROFIX Twin clamp assembly provides a smooth and flush detail, protecting against personal injury and product damage. Additional fixing over the SPORTSBRONZE system add to the lifespan of SPORTSBRONZE REBOUND.

Posts
Standard post sections available are 60 x 60mm or 80 x 80mm. For increased fence height further post sizes are also available.

Sports Equipment & Accessories
We also supply a full range of high quality sports equipment including: Basketball hoops & boards, Tennis posts & nets, 5-a-side and full size Football goals, Badminton posts & nets, Volleyball posts & nets, Netball hoops & posts, Trampolines and more.
The Sliding Gate Range can be cantilever or track slider with infills to suit requirements.

A range of high quality access controlled gates suitable for sites that require operational safety and security. This range integrates seamlessly with the complete range of Barkers Fencing perimeter security systems and harmonises with all styles of existing or new boundary installations, with an extensive choice of widths and heights and an almost endless array of infills.

Barkers Fencing can customize the Sliding Gate range to suit every application, and tailor each product to satisfy individual requirements.

**Manual Sliding Gate**
The gate is opened and closed by hand, and locked using a euro cylinder type Locknok lock and key.
The **PROTECTOR GATE** range has been designed to complement our full product portfolio of fencing systems. Manually operated with endless options. All our gates are constructed to the relevant British Standards*

*Unless otherwise instructed

**Single leaf widths**
1m, 1.2m, 1.5m, 2m, up to 6.5m, as well as tailor-made to suit your specific requirements.

**Double leaf widths (between posts)**
2m to 1.3m, as well as tailor-made to suit your specific requirements.

**Heights**
1.2m, 1.5m, 1.8m, 2m, 2.4m and 3m, as well as tailor-made to suit your specific requirements.

**Gate frames**
Can be made from flat bar or rolled steel hollow section depending on the gate size.

**Infills**
A wide range of infills are available, including round bar, square bar and hollow sections manufactured to suit our portfolio of products.

**Gate posts**
Either rolled steel hollow section, rolled steel joist, universal beam or universal columns depending on the site and preference.

**Locking methods for general fencing gates are:**
- **Locinox** – can be opened or closed with or without a key.
- **Flip latch** – that can be padlocked in the open or closed position.
- **Traditional pivot latch** – when locking is not an issue.
- **Provision for client specific locking requirements**.

**HYDRACLOSE**
Available as an option on all single leaf gates up to 1.5m wide and 2.4m tall.

The HYDRACLOSE mechanism is enclosed in the bottom rail of the gate and requires no electricity to operate. Easy to maintain and set up.

The gate closes at a controlled, constant speed until it is close to shutting, when it slows to a gentle close.

This fluid closing motion provides a quiet and safe operation, ideal for use in areas where children are present or when general pedestrian access is required. With the addition of maglocks used to secure the gate, there is the added advantage of the prevention of heavy slamming and therefore reducing the risk of damage to the locking mechanism.

The hydraulic closing mechanism is discretely hidden away and a vast range of finishing options are available to suit individual needs.

HYDRACLOSE is ideally suited for use with PLAYSAFE- BT fencing systems.
Barkers Fencing BOLLARDS have been designed specifically to protect infrastructure from vehicular attack, whilst maintaining the most stringent aesthetic requirements and are capable of being installed into utility rich, undulating shallow substructure.

The vandal resistance of galvanized steel bollards makes them ideal for most anti-ram and security applications.

**Heights**

Typically 0.9m but manufactured to suit customer requirements.

**Construction**

Mild steel with welded cap and optional decorative features. Post top can also be left open for concrete filling if required.

**Finish**

Galvanized only or Galvanized and Powder Coated.

<table>
<thead>
<tr>
<th>Standard sizes</th>
<th>Bollard Height (m)</th>
<th>Ref</th>
<th>Embedded length of post (mm)</th>
<th>CHS Post Section (mm)</th>
<th>RHS Post Section (mm)</th>
<th>Feature</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.9</td>
<td>B1</td>
<td>350</td>
<td>76.1 - 106.3</td>
<td>76.1 - 106.3</td>
<td>70 - 200</td>
<td>Flat welded cap</td>
<td>Galv or Galv &amp; PPC</td>
</tr>
<tr>
<td>0.9</td>
<td>B2</td>
<td>350</td>
<td>76.1 - 106.3</td>
<td>76.1 - 106.3</td>
<td>70 - 200</td>
<td>Slanted top welded cap</td>
<td>Galv or Galv &amp; PPC</td>
</tr>
<tr>
<td>0.9</td>
<td>B3</td>
<td>350</td>
<td>76.1 - 106.3</td>
<td>76.1 - 106.3</td>
<td>70 - 200</td>
<td>Welded cap decorative rings</td>
<td>Galv or Galv &amp; PPC</td>
</tr>
</tbody>
</table>

**Bollard Section**

76.1mm CHS for general purpose applications. Larger sections for added security.

**Positioning**

Typically around 1.5m gap between bollards to restrict vehicle access.

**Fixed and Baseplated bollards**

Barkers Fencing BOLLARDS are a cast effective range to meet industrial and commercial requirements.

These can be supplied for traffic controls and property protection around sites. All can be supplied in a galvanized only finish or galvanized and powder coated finish. The fixed bollard needs to be concreted into the ground and the base plated bollard needs to be fixed to an existing concrete foundation.

**Case Studies**

**HM Naval Base Devenport**

Barkers Fencing were approached by MOD security advisers to come up with current standard fencing to match the old existing perimeters which protects the naval base. This was to allow the MOD estate to split the site, to enable redundant parts of the yard to be sold to commercial partners.

**Staffordshire Fire & Rescue**

Staffordshire County Council embarked on a major reconstruction of the county’s fire stations rebranding them as Community Fire Stations, where the local communities would be encouraged to use all the facilities.

Barkers Fencing worked with the architects to make a secure installation, whilst keeping the day to day operations of the fire stations unaffected by the community using the facilities. A range of Barkers Fencing PROGUARD mesh fencing, swing gates and cantilever gates were used extensively throughout this project.
JUST A FEW EXAMPLES FROM OUR EXTENSIVE PRODUCT PORTFOLIO