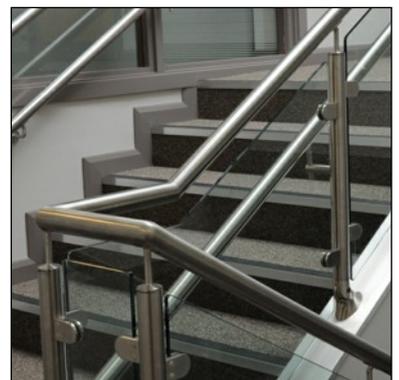
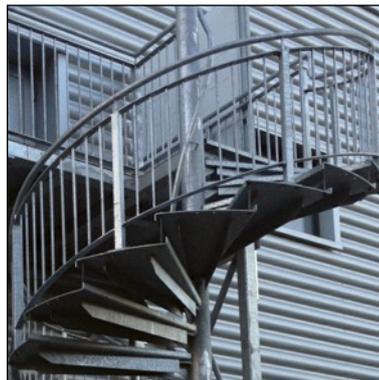




25th
Anniversary
Edition

Architectural Metalwork, Secondary Steelwork, Railings & Gates

2014-15



Tel: **0191 410 9996**
Email: **sales@steelcraftuk.com**

Steelcraft Ltd, established in 1989, is a family-run company based in Chester-le-Street, County Durham primarily serving the North East region.

We specialise in supplying architectural mild and stainless steel metalwork including handrails, balustrading, balconies, stairs & ramps, railings, gates and secondary steelwork. As well as offering a range of standard designs our strength lies in providing bespoke products quickly and competitively.

We offer a full design, manufacture and installation service and are pleased to use our experience to carry out value engineering exercises for our clients.

Architectural Metalwork 1-14

- Mild & Stainless Steel Balustrade & Handrails
- Staircases
- Balcony Balustrade
- Juliet Balconies



Secondary Steelwork 15-18

- Signs & Archways
- Access Ramps & Ladders
- Security Gates & Grilles
- Mezzanines & Walkways
- General Fabrications



Fencing & Gates 19-35

- Standard & Bespoke Railings
- Guard Rails
- Knee Rails & Bollards
- Mesh Fencing
- Gates & Gate Automation



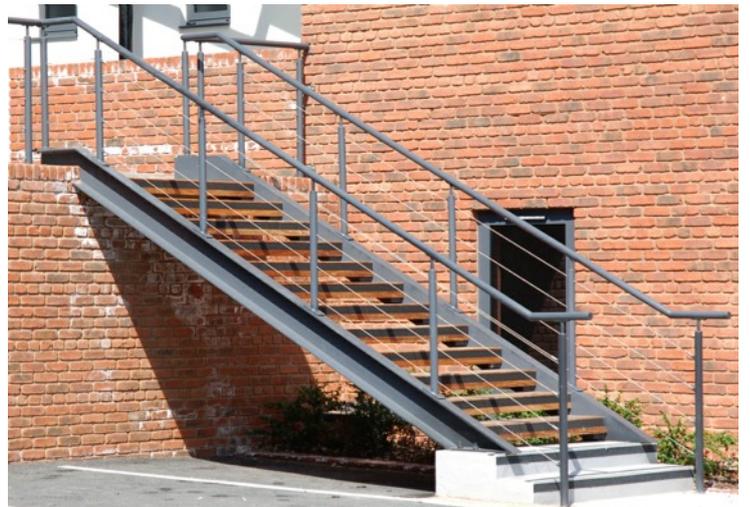
1 Staircases



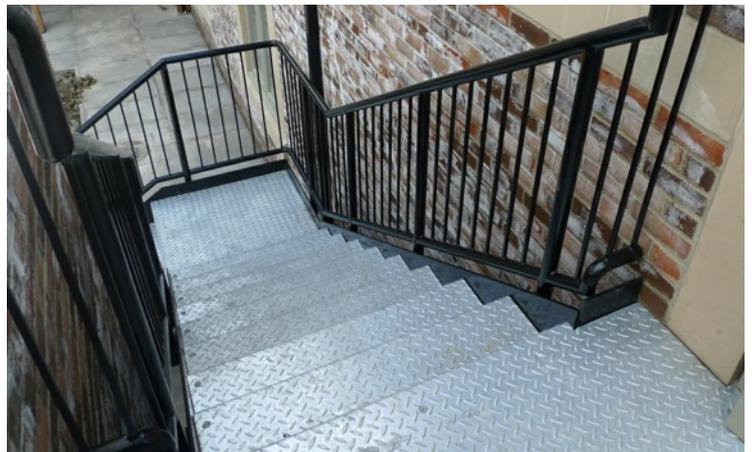
Steelcraft supplies and installs mild steel straight-flight and spiral stairs for internal and external applications from feature staircases to simple fire escapes.



Non-Slip Tread Staircase - Office Fit Out in Newcastle



Timber Tread Staircase - New Build Office Space in Newcastle



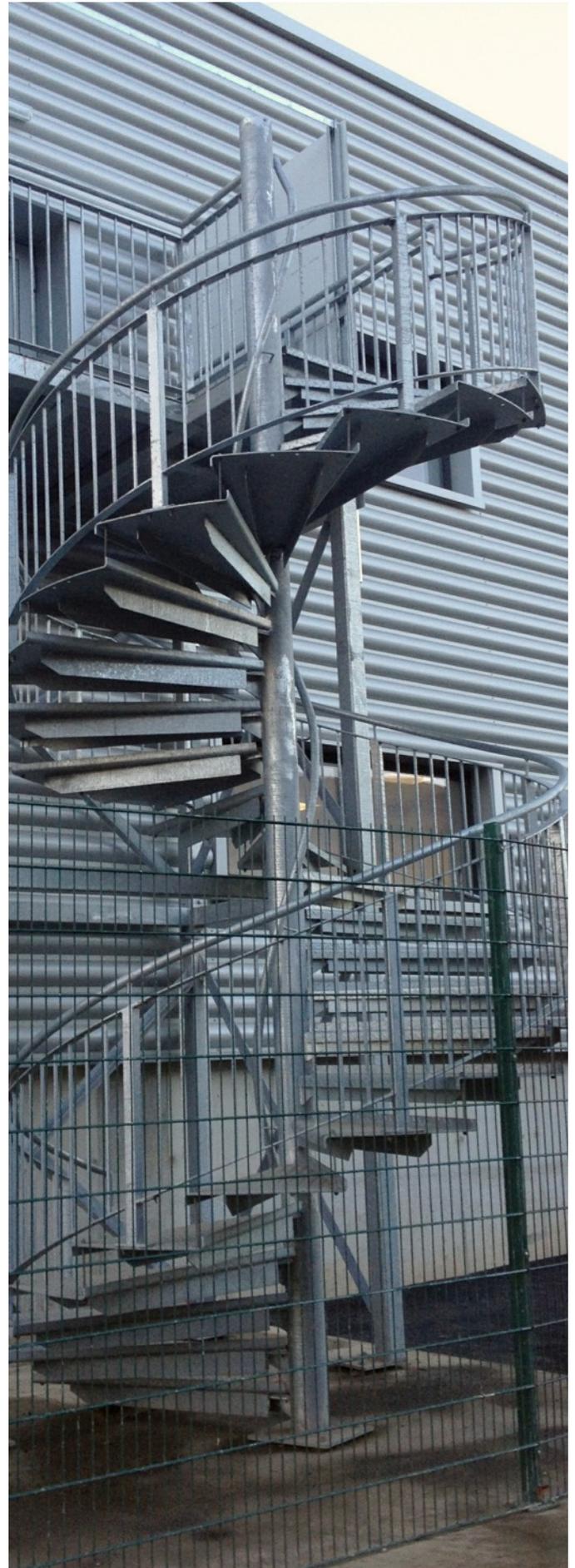
Durbar Tread Staircase - New Build Pub in Alnwick



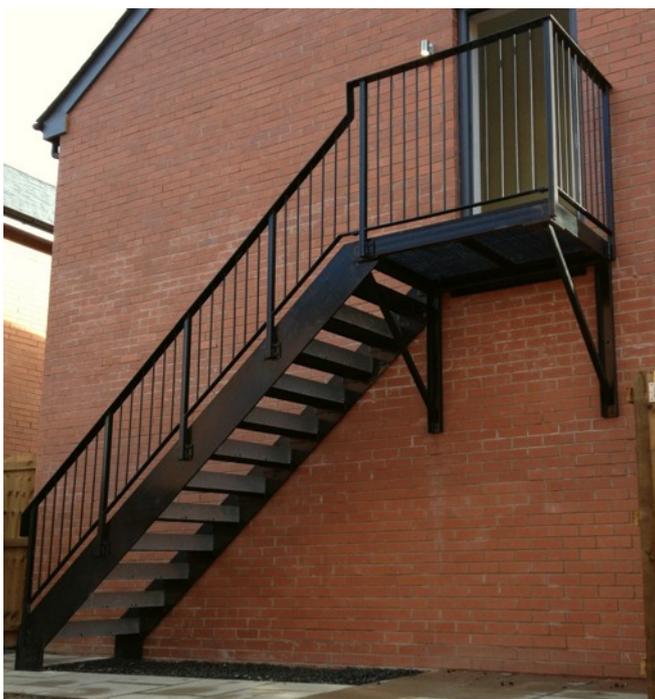
Non-Slip Tread Staircase - Indoor Play Area in Seaham

Tread Options

Durbar	Steel Grating
Timber	Glass Block
Box Pan	Stone



Durbar Tread Spiral Staircase - New Factory Unit in Stockton



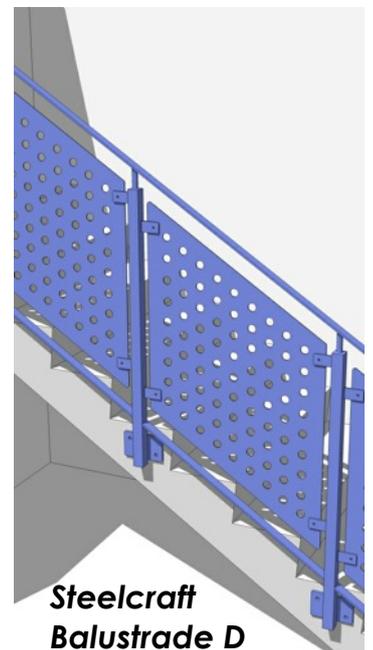
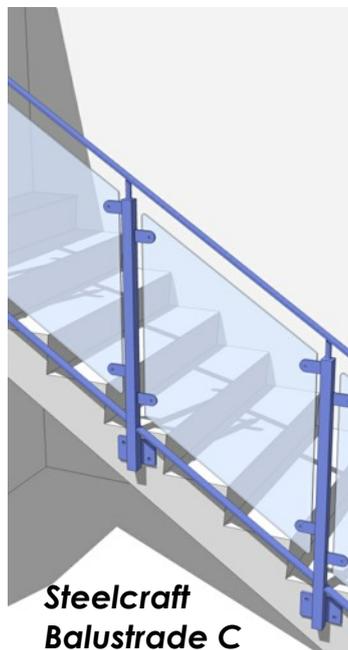
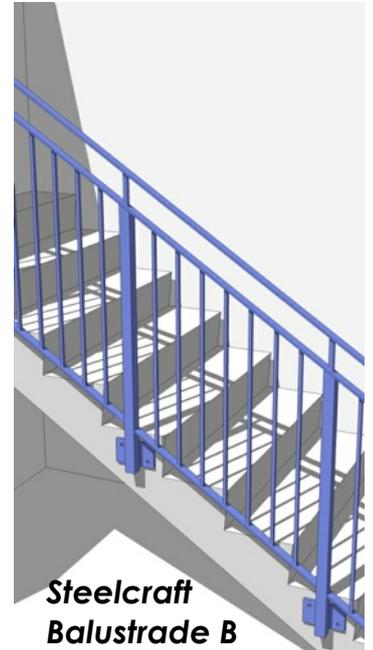
Durbar Tread Staircase - New Build Housing in Gateshead

Standard Balustrade



Balustrade B with PVC Top Rail - Student Accom. in Newcastle

We offer four basic mild steel balustrade designs which are appropriate for both top fixing and side fixing. With each design, a matching wall mounted handrail can also be supplied.



Balustrade comes in a variety of finish options:

For internal works it can be supplied primed, painted, powder coated or "not-cold-to-touch" plastic coated.

For external works we always recommend a galvanised finish either alone or as a base for a paint, powder or plastic finish as above.



Balustrade B with PVC Top Rail - New Build Residential in Newcastle

Our standard balustrade range can be engineered to suit loadings up to 3kN/m

Handrail Options



Flat Bar



Hollow Section



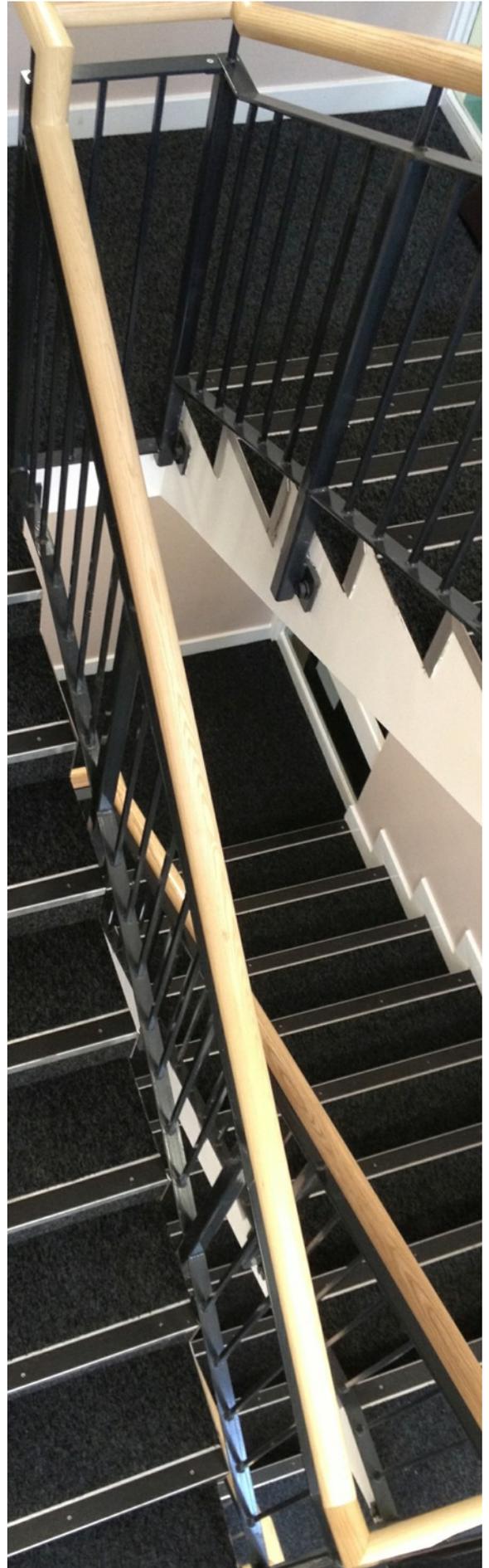
Convex Bar



Hardwood or Softwood

PVC Capping

Solid Colours		
Black	White	Grey
Red	Green	Sapphire
Burgundy	Sepia	
Metallics		
Gold	White Aluminium	Blue Silver
Wood Effect		
Light Oak	Dark Oak	Cherry Mahogany



Balustrade B with Timber Top Rail - Housing in Stockton

5 Stainless Steel Balustrade



Glass Internal Balustrade - New Apartments in Ponteland

Steelcraft offers a range of high quality stainless steel balustrade and handrails in either internal grade (304) or external grade (316).



Perforated Plate Internal Balustrade - Housing Regeneration in Stockton

Balustrade infill options include:

- Toughened Glass
(Clear, Tinted or Opaque)
- Laminated Glass
- Perforated Plates
- Solid Bars
(Vertical or Horizontal)
- Stainless Steel Wires



Opaque Glass Internal Balustrade - Care Home Re-Fit in Durham

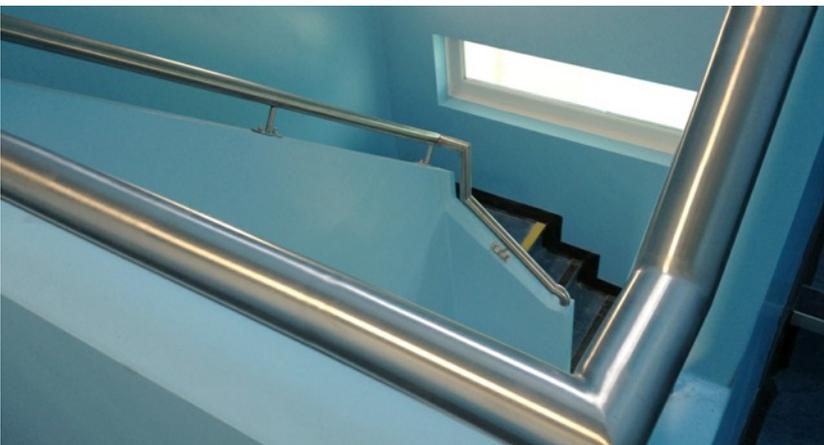


External Glass-in-Track Balustrade - New Build School in Sunderland

Glass-in-track balustrade is an increasingly popular product which provides excellent visibility. Depending on site conditions and your requirements, a range of fitting systems and top rail styles are available.



External Solid Bar Infill Balustrade - DDA Works in Durham

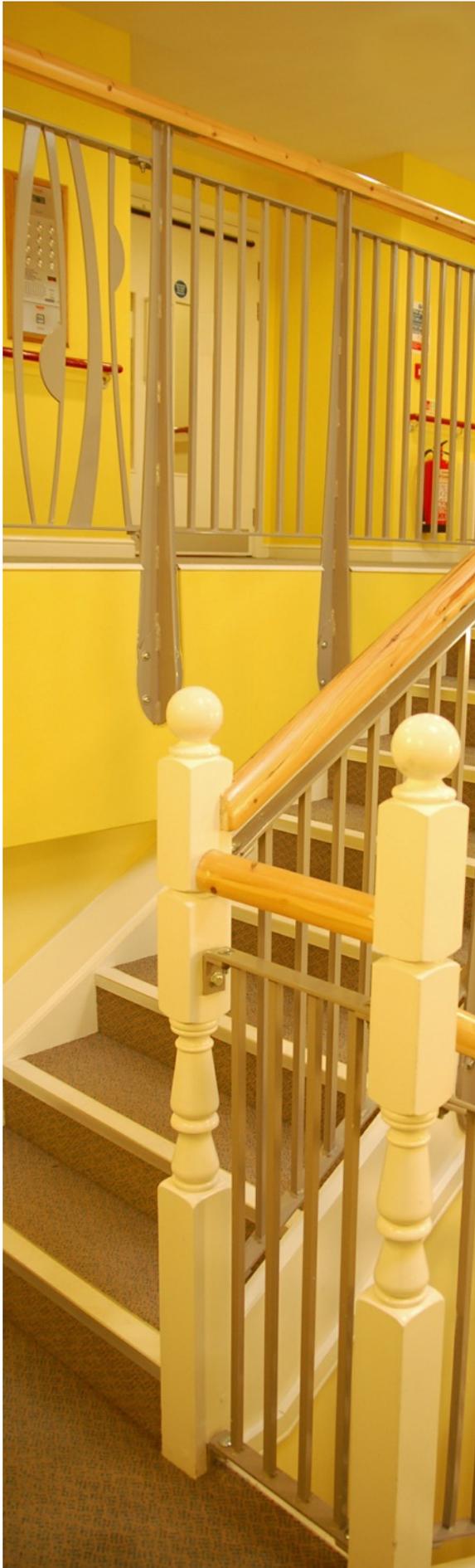


Internal Stair Core Handrail - Housing Regeneration in Teesside



Internal Glass Balustrade - New Build School in Sunderland

7 Bespoke Balustrade



Profiled Post & Infill Balustrade - Care Home in Stockton

As well as our standard balustrade designs shown on pages 3 & 4, we are also able to offer attractive bespoke designs to suit the clients own individual requirements in either traditional or contemporary styles.



Wall-Top Balustrade - Court Re-Fit in Northallerton



Mild Steel Grid Balustrade with Stainless Handrail - Commercial Development in Newcastle



Perforated Plate Balustrade - DDA works in Blyth



Privacy Glass Balustrade - New Build Housing in Corbridge

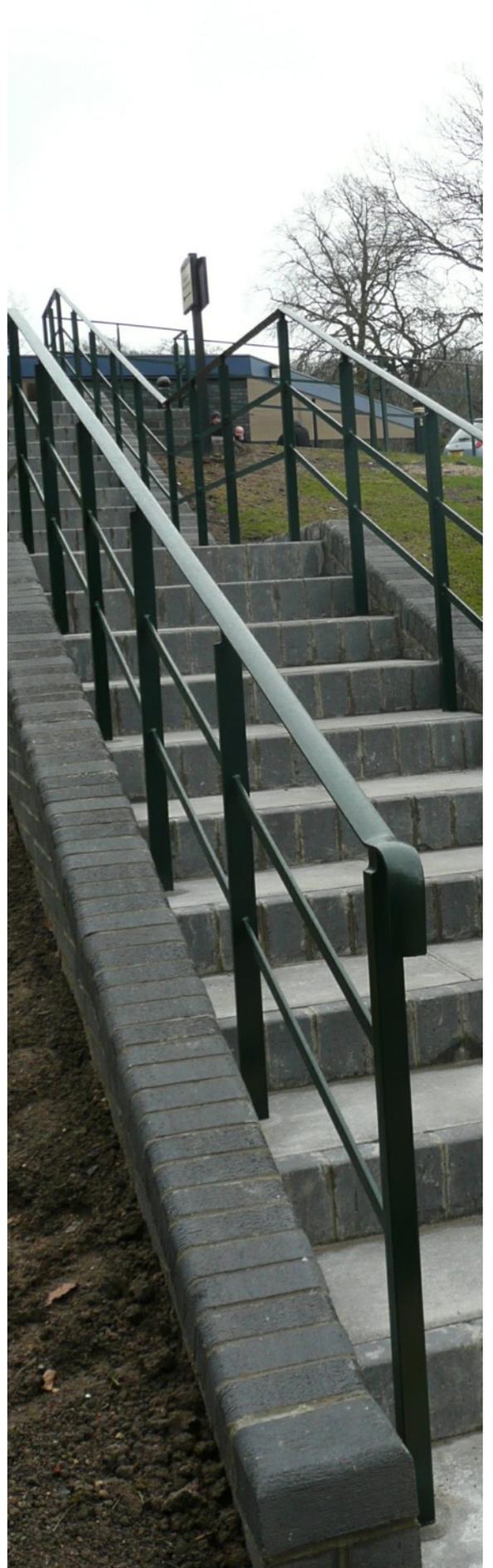


Zebra Pattern Walkway Balustrade - Housing Regeneration in Middlesbrough

We are always pleased to assist clients in the design process



Wire Infill Balustrade - Commercial Premises in Newcastle



Custom Post Balustrade - Crematorium in Gateshead

9 **Balconies & Balustrade**



Perforated Plate & Timber Rail Balconies - Housing in Middlesbrough

Steelcraft has 25 years of experience in the fabrication and installation of balconies and balustrade systems.



Balcony Canopies - New Build Housing in Gateshead



Curved Walk-On Balcony - New Build Housing in Sunderland



Mesh Infill Balcony - Apartments in Newcastle



Glass Infill Balcony - New Build Housing in Newcastle



Tinted Glass Balcony - New Build Housing in Newcastle

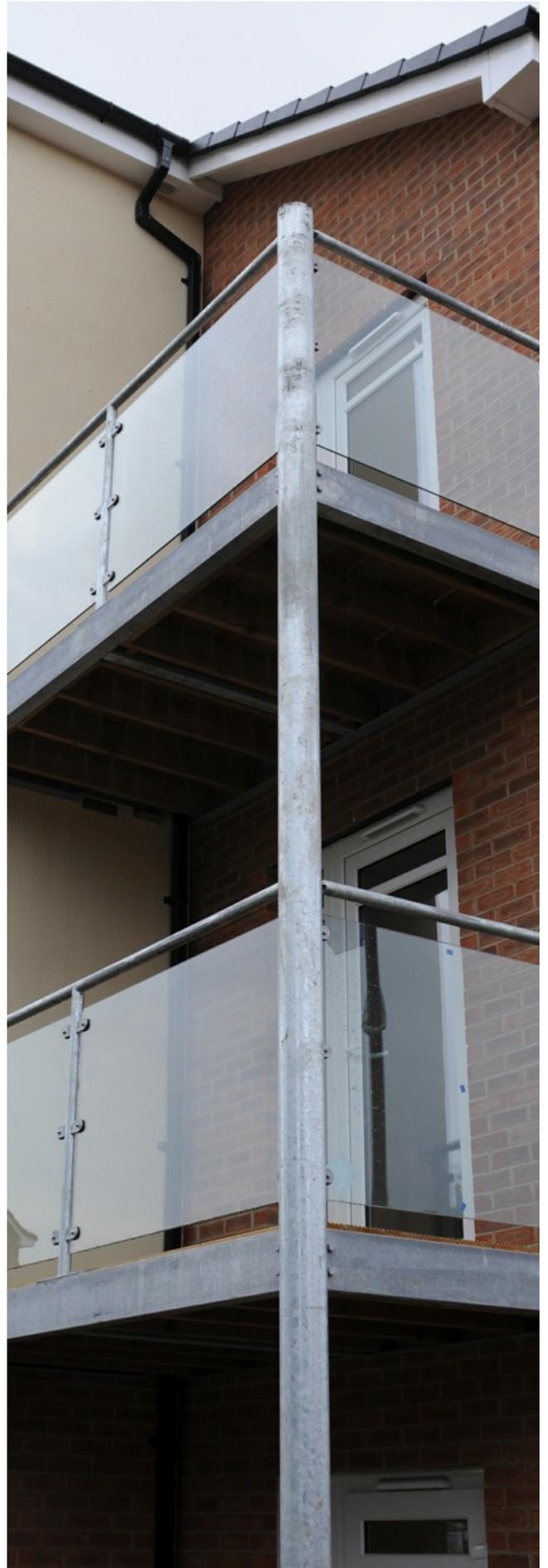
We are able to supply a full walk-on balcony combining both the balustrade and base, or to provide balustrade only (such as when the base forms part of the structural framework of the building).



Curved Balcony - New-Build Social Housing in Stockton-on-Tees



Blue Glass Balustrade - Sheltered Housing Regeneration in Saltburn



Glass Infill Structural Balconies - New Build Housing in Cleddon

Juliet Balconies

We offer a range of 18 standard Juliet balconies which are a popular enhancement for the exterior of properties whilst fulfilling the practical requirements of building regulations. Illustrations show a typical aperture (1500mm) but our designs can be adapted to suit apertures of 900mm up to 2400mm.

Unless otherwise stated, our Juliet balconies are fabricated from mild steel and come with a galvanised plus polyester powder coated finish as standard. Detailed specifications are available on request.



Derwent



Tyne



Tees



Tweed



Wear



Thames



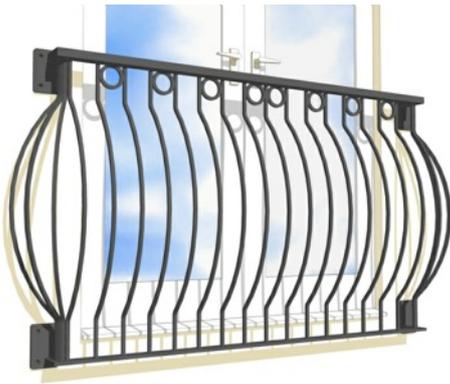
Severn



Trent



Humber



Medway



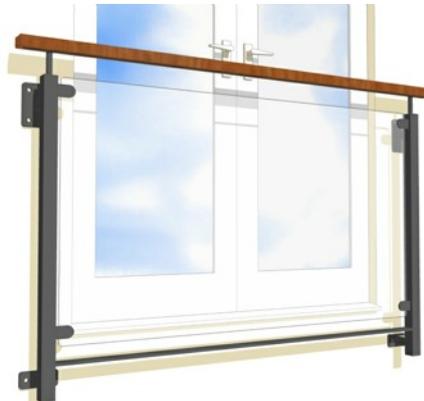
Mersey



Coquet



Eden



Esk



Calder



Tay



Teviot
Grade 316 Stainless Steel



Witham
Grade 316 Stainless Steel

Glass balconies are supplied with clear, toughened safety glass as standard but this is also available with a tint or can be sandblasted to produce opaque 'privacy' glass. Optionally, we can apply a 'self-cleaning' coating for lower maintenance.

All Juliet designs can be adapted to use as balcony balustrade, or to produce a bespoke design (see p13 for examples)

Bespoke Juliet Balconies



We are pleased to work with specifiers and architects to help detail and fabricate to their own traditional or contemporary designs which can incorporate many of the decorative features utilised in our railing and balustrade ranges.



Mild Steel Teviot Variation - New Build Housing in South Shields



Double Frame Glass - New Build Housing in Newcastle



Custom Tweed Variation - New Build Housing in South Shields

Steelcraft are able to offer a wealth of experience when developing your design ideas



Gothic Style - New Build Social Housing in Sunderland

Previous bespoke designs have incorporated creative mild steel shapes, patterns or text.

Other attractive infill options include glass, steel perforated plate, or aluminium perforated plate.

Top rails are not limited to steel; we also supply with timber or PVC capping

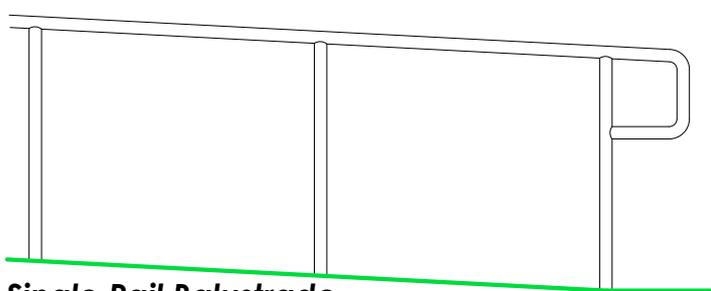


Calder Variant - New Build Apartments in Gateshead

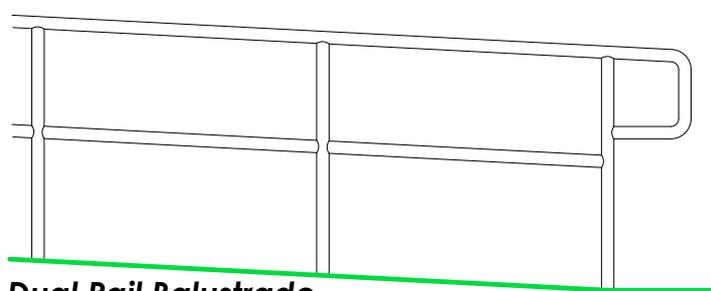
Tubular Balustrade



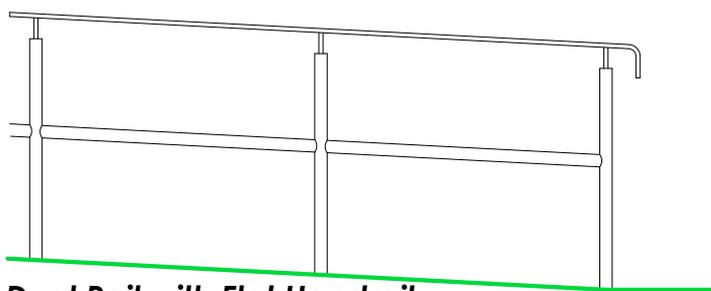
Tubular balustrade is generally used externally to offer support for pedestrians using stairs, ramps or pathways. It is also used to protect the public from hazards.



Single Rail Balustrade



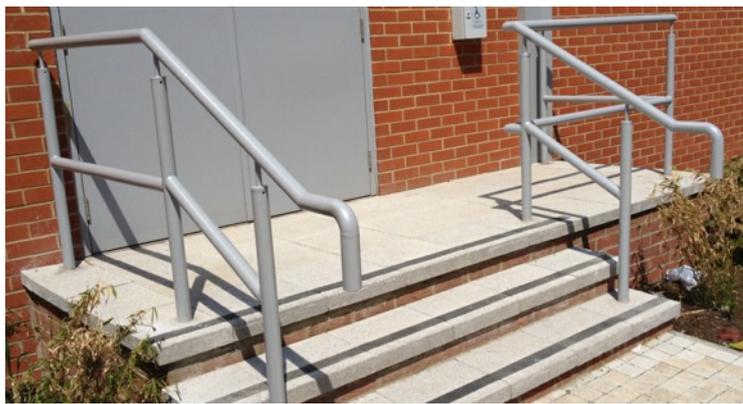
Dual Rail Balustrade



Dual Rail with Flat Handrail



Dual Rail with Infill



Dual Rail Balustrade with Stalk Posts - New Build Supermarket in Blyth

NOT COLD TO THE TOUCH
Your project may need to comply with the 'not-cold-to-the-touch' requirement of DDA regulations (Building Regs Part M). If this is the case, we can supply any of our designs either with a specialist powder coating or a variation of our design using flat bar handrails and a PVC cap in the colour choices shown on page 3.



Steelcraft offers a comprehensive service to customers in the development of their ideas for signs, archways and other decorative architectural metalwork. We can advise on the suitability and cost of materials and installation methods, producing fabrication drawings before proceeding to fabrication, coating, and installation.



Town Signage - Stanley



Gateway Canopy - Sunderland



Footpath Entrance Arch - Supermarket in Blyth



Estate Entrance Sign - South Shields



School Entrance Arch & Gate - Durham

Access Products

We are able to supply either modular re-usable or permanent access ramps to suit industrial or domestic locations.

We also offer cage ladders, companion ladders, gangways and mezzanines.



Private Residence Access Ramp



Bespoke Capabilities

We have a modern, well equipped fabrication shop which is capable of offering to solutions to your bespoke metalwork problems. We provide products in the following areas:

- Shelters & Canopies
- Storage Compounds
- Mezzanine Flooring
- Industrial Fabrications
- Street Furniture
- Bespoke Fabrications



Park Bench

Security Products

We offer a range of bespoke physical security products including, decorative or basic window grilles, security gates, anti-ram barriers and mesh screens.



Car Park Grilles



Culvert Grille with Access Hatch

Secondary Steelwork



BEFORE - Rooftop Sign Frames

Steelcraft has fabricated and installed a range of secondary steelwork items which are inevitably made-to-measure to suit specific applications.



AFTER - With Signs Affixed - New Student Accommodation in Newcastle

Our portfolio includes support steelwork for balconies, canopies and walkways; platform and mezzanine floor sub-frames; and general support steelwork.



FABRICATION



INSTALLATION



COMPLETE - Bin Store Canopy - New Build Sheltered Accommodation in Newcastle



BEFORE & AFTER
Platform / Smoking Shelter
- Factory in Stockton

We are able to supply engineering calculations where requested



Fire Escape Compound - Manufacturing Facility in Stockton



Walk-On Balcony Support Steelwork - Private Residence in Middlesbrough



Mezzanine with Balustrade - Factory in Washington



Walkway with Balustrade - Factory in Darlington

Portland Railings



An economical alternative to solid bar railings, suitable for the perimeters of parks, schools, factories and housing estates. The use of tubular verticals keeps both panel weight and price down.



Flat Top P3 Railings - New Build School in Newcastle

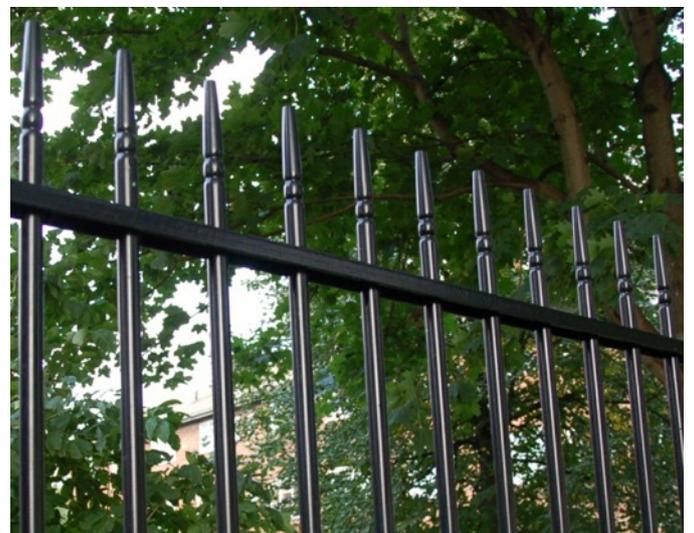


P1 Design

As with all of our products, we would be pleased to discuss material and design variations.

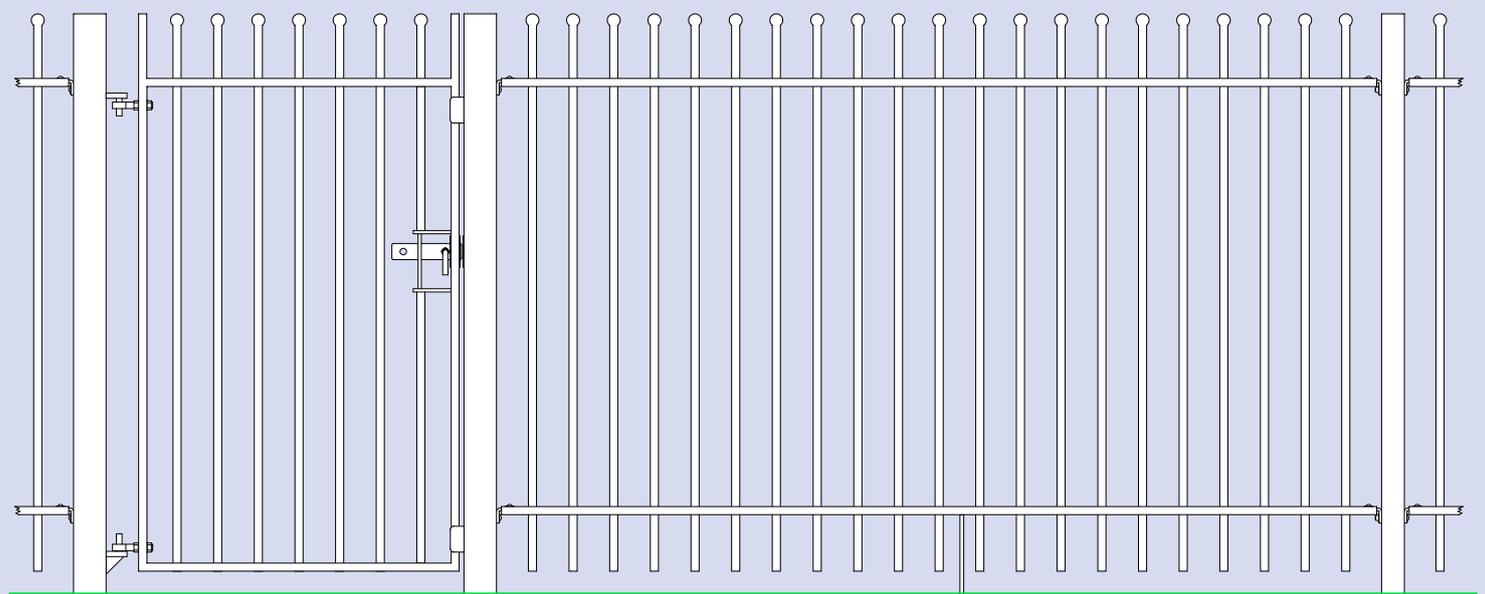
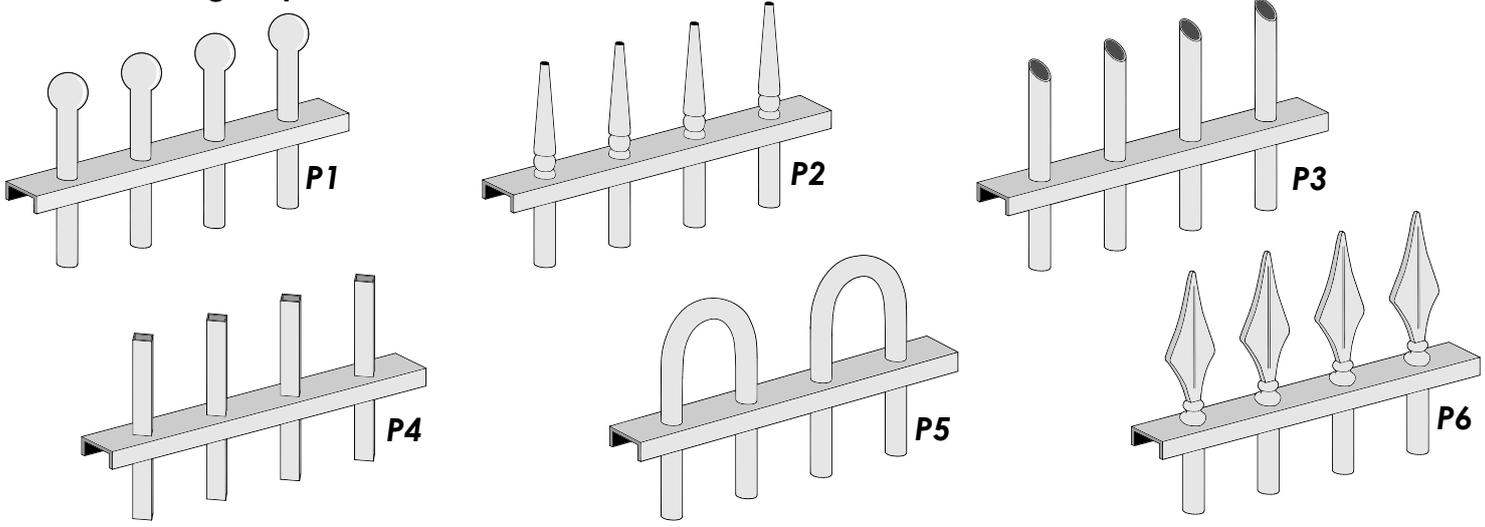
Height Range (Min-Max)	1500mm - 2400mm		
Nominal Post Centres	2800mm		
Infill Material	25mm \varnothing or 20x20 Tube		
Raked Panels	✓	Curved Panels	✓
Matching Gates	✓	Tamper-Proof Fixings	✓
Galvanised Finish	✓	Powder-Coated Finish	✓

Detailed specifications are available on request



P2 Railings - Housing Regeneration in Stockton

Portland Design Options



Portland Design P1 - Typical Panel & Gate



P3 Top Detail - New-Build School in Washington

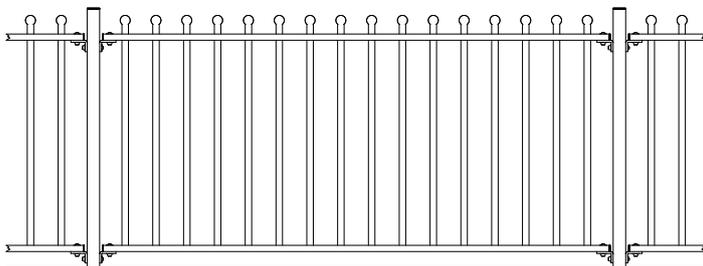


P1 Railings - Housing Estate / Cricket Ground Boundary in Seaham

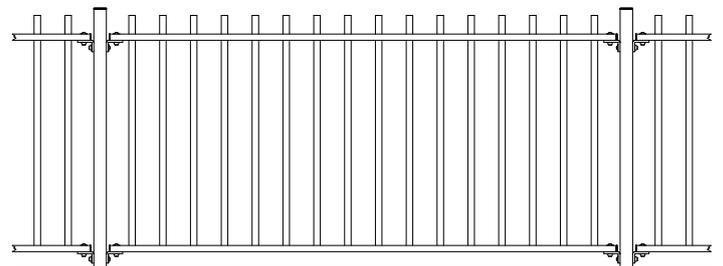
Oregon Railings



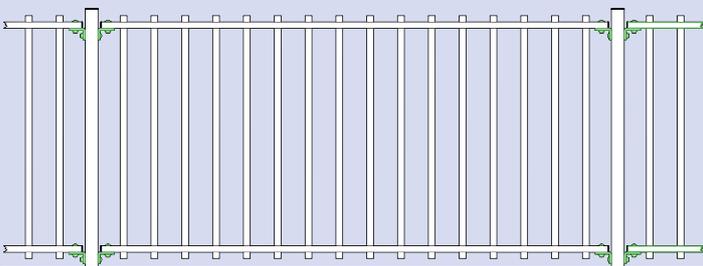
A variation of our Portland railings specially designed to suit shorter panel heights. As with Portland, the designs use hollow section materials to reduce costs and panel weights. Some designs are also available in ROSPA compliant playground variations.



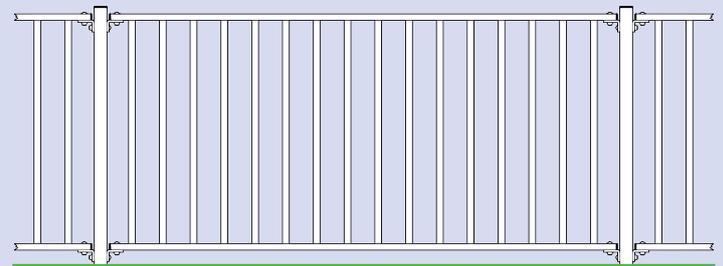
Oregon 1



Oregon 2



Oregon 3



Oregon 4

All of our railings are supplied painted; galvanised only; or galvanised with polyester powder coating

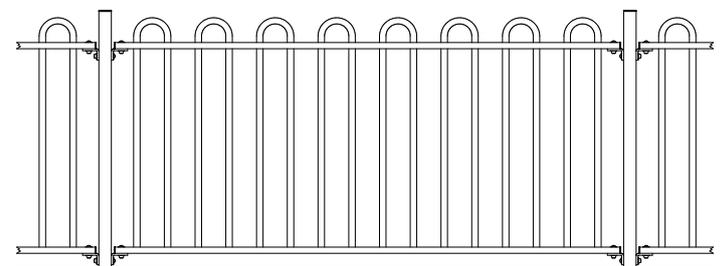
Height Range (Min-Max): 600mm - 1400mm

Nominal Post Centres: 2100mm

Infill Material: 25mm \varnothing Tube

Raked Panels	✓	Curved Panels	✗
Matching Gates	✓	Tamper-Proof Fixings	✓
Galvanised Finish	✓	Powder-Coated Finish	✓

Detailed specifications are available on request



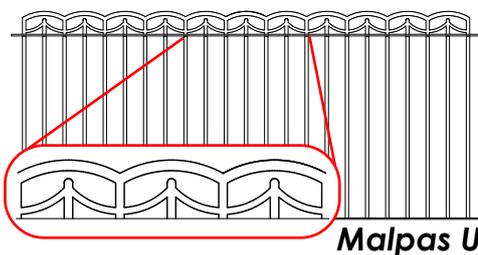
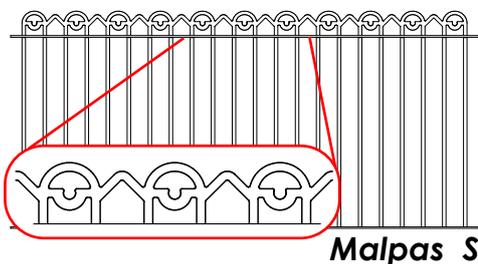
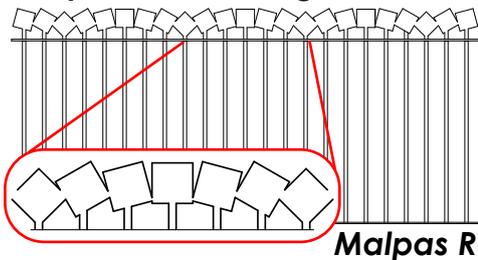
Oregon 5





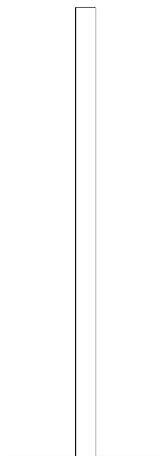
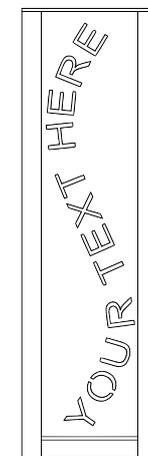
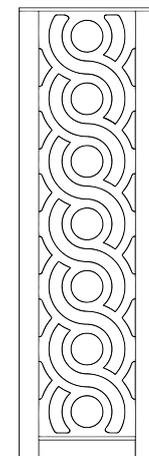
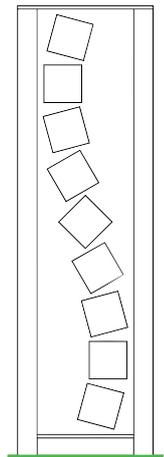
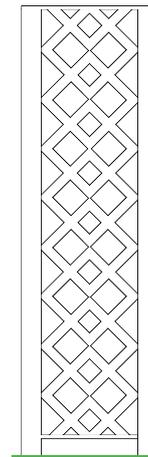
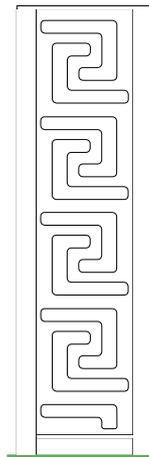
Malpas is a railing system which incorporates a range of decorative profiled shapes into the panel and/or the posts. Simply mix a panel style with a post design. All of our standard designs comply with finger and head anti-trap safety guidelines.

Malpas Panel Designs



More post and panel designs can be found on our website

Malpas Post Designs



Malpas S with MP7 Posts - Housing Regen in Northumberland

Height Range (Min-Max)	600mm - 1800mm	
Nominal Post Centres	2800mm	
Infill Material	20x8 Flat or 20x20 Tube	
Raked Panels	✓	Curved Panels ✓
Matching Gates	✓	Tamper-Proof Fixings ✓
Galvanised Finish	✓	Powder-Coated Finish ✓

Detailed specifications are available on request

Northumbria Railings



Northumbria offers a wide mix-and-match range of railheads, post tops and in-panel features. The choice shown on these pages is a small sample of the huge selection available.



Durham Railhead and Mitford Bar Feature - Care Home in Gateshead



Northumbria with Curved Top Rail - Public Park in Peterlee



Shown with pointed railheads *below* the top rail; an ideal safety feature on railings below 1800mm high.

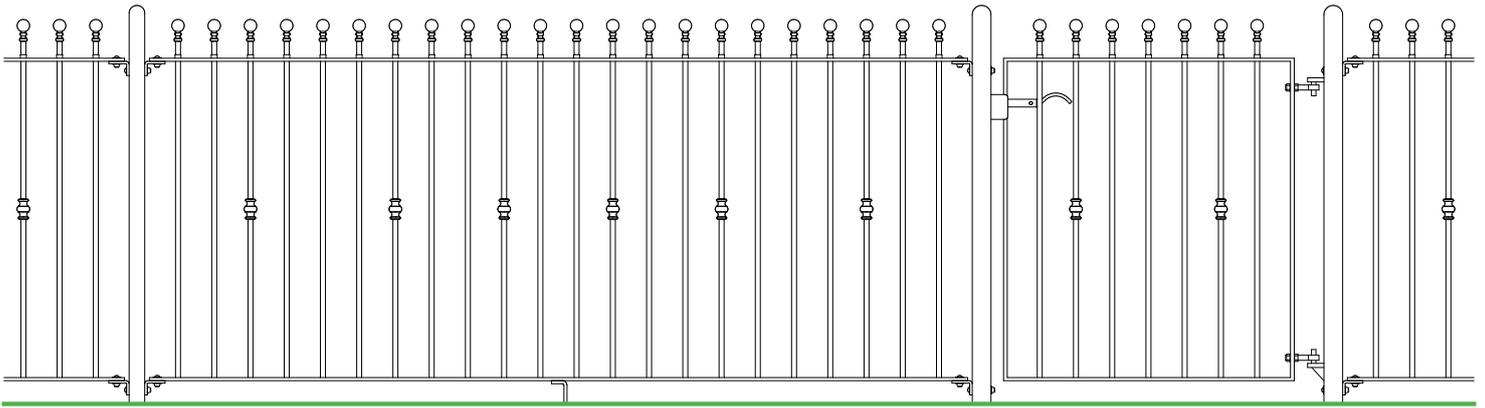
Steelcraft is able to assist architects in the creation of bespoke products. We would also be pleased to offer our expertise on the health and safety aspects of designs and material specifications.

Height Range (Min-Max):	700mm - 1800mm	
Nominal Post Centres:	2700-2750mm	
Infill Material:	12/16/20mm Solid Round 12/16/20mm Solid Square	
Raked Panels	✓	Curved Panels ✓
Matching Gates	✓	Tamper-Proof Fixings ✓
Galvanised Finish	✓	Powder-Coated Finish ✓

Detailed specifications are available on request



Bespoke Northumbria - Open Space to New Housing Development in South Shields



Northumbria Typical Panel & Gate
with Rothbury railhead, NP1 post top and Boulmer bar feature

Railheads

Size options for each railhead are available on request.



Kielder



Berwick



Hadrian



Rothbury



Warkworth



Belford



Windsor



Alnwick



Falstone



Amble



Cassop



Finchale



Lindisfarne



Durham

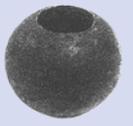


Hexham

Bar Features



Boulmer



Matfen



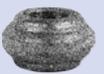
Bamburgh



Mitford



Otterburn



Etal

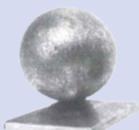
We are able to source bespoke railheads, collars, or post tops in both mild steel and cast iron

Post Tops

Size options for each post top are available on request.



NP1



NP2



NP3



NP4



NP5



NP6



NP7



NP8



NP9



NP10

Bow Top Railings



Bow top is a traditional, attractive fencing system used frequently in parks and residential areas. The standard bow design can be modified with closer infill bars spacing and lower hoops to comply with ROSPA guidelines, making it suitable for use around play areas.



Steelcraft Playbow - New Build School in Newcastle

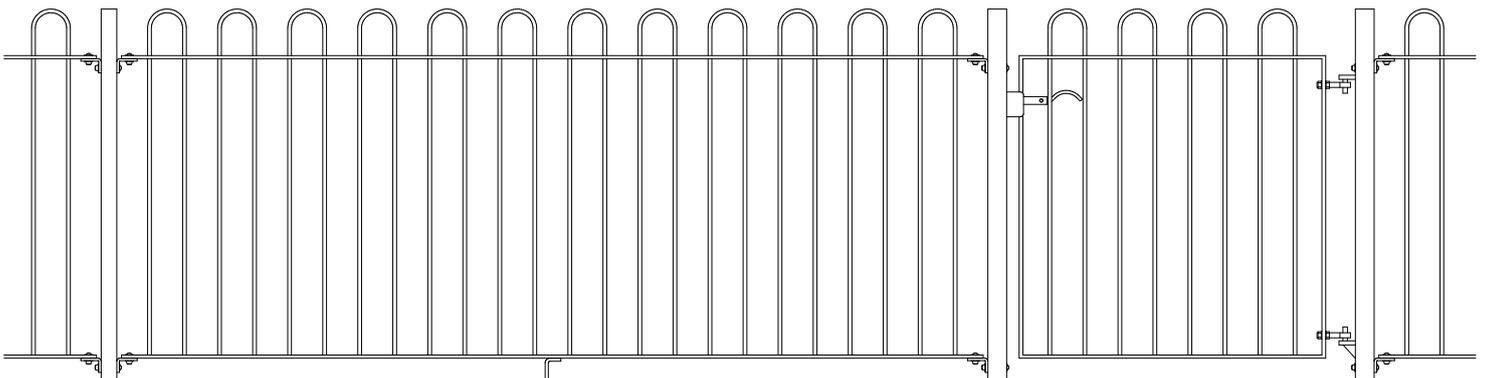


Playbow and Self-Closing Gate - Play Area in Middlesbrough

We also offer a variety of child safe self-closing gates options as well as dog grids for use in play areas.



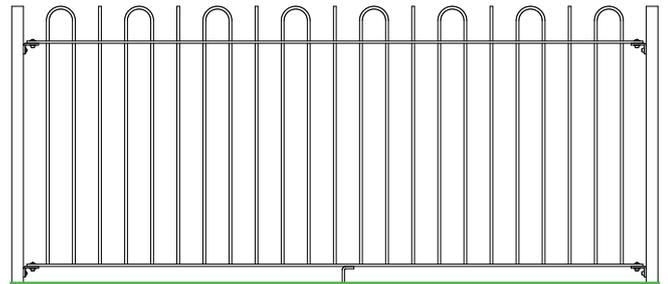
Interlaced Bow Top - Park Regeneration in Darlington



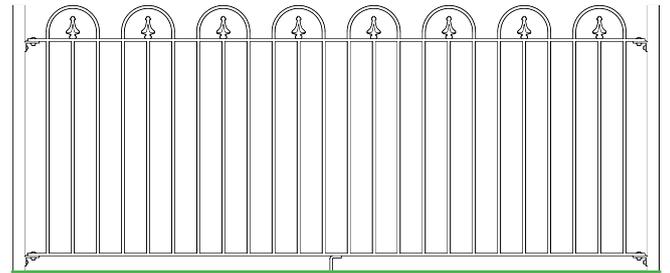
Steelcraft Standard Bow Top - Typical Panel & Gate



Standard Bow - Public Park in Barnard Castle



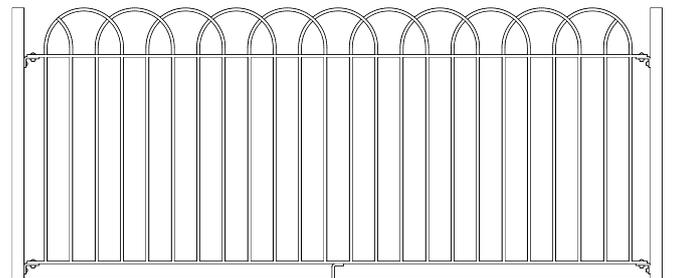
Alternating Bow & Bar
Also available with railheads



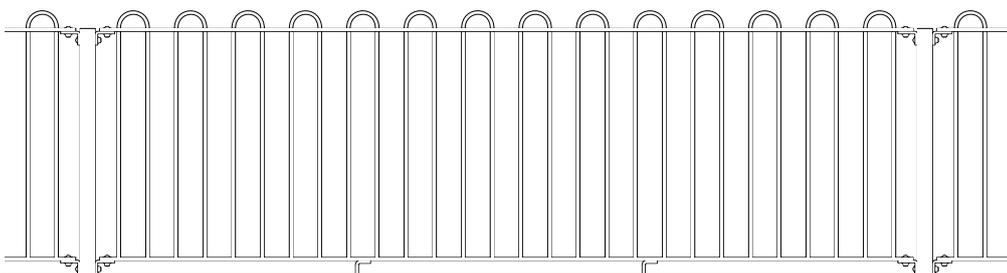
Railhead Insert
See page 12 for railhead options



Standard Bow (Curved to Suit Wall) - Housing Regeneration in Bishop Auckland



Budget Interlaced



Play Bow (ROSPA Compliant)

More designs available on our website

Round Bar Railings



Flat-Top Round Bar - New Build Social Housing in Sunderland

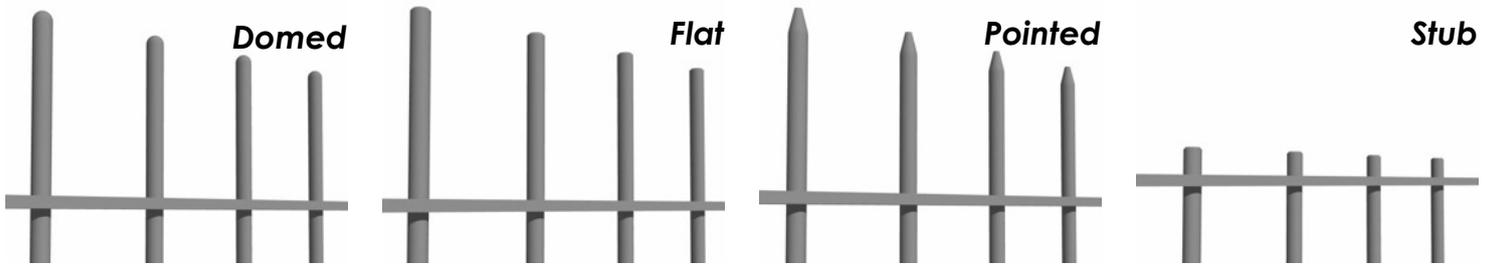
A robust, traditional vertical bar system which can be manufactured to BS1722 [Part 9] where required.

Please note that pointed tops are often not permitted for use at heights less than 1.8m.



Flat-Top Square Bar - Regen Scheme in Newcastle

Top Styles



Estate Fencing

Originally developed as a simple, low-cost fencing solution for large areas of agricultural and public land, these same benefits have made estate fencing an attractive choice for semi-urban residential developments.

Steelcraft can work to any estate fencing design but we also offer an in-house standard in 3 popular heights.



Estate Fence with Round Bar Rails - Public Park in Herrington



Kissing Gate - Public Park in Bishop Auckland



Estate Fence with Flat Bar Mid Rails - New-Build Housing in Newcastle

Knee Rails are a low-level deterrent to discourage walking on grass, planting or other soft landscaping, or to deny access to vehicles. We also supply vehicle access gates for use adjacent to knee rails.



KR2



KR4



Gates



KR1



KR3



KR5

We also fabricate and install a range of mild and stainless steel bollards.



Local Authority Design Pedestrian Guard Rail - Road Redevelopment in Newcastle

Pedestrian Guard Rail

Pedestrian Guard Rails are used to separate boundaries, paths, roads, rivers, inclines or other hazards.

We offer a range from basic pedestrian guard rail with straight or staggered infill bars, through to bespoke systems with decorative steel or cast iron posts.



Decorative PGR with Custom Post Top - Bus Station in Sunderland



Riverguard with Bespoke Cast Top - Riverside Regeneration in Newburn

Bespoke Railings



Churchyard in Stockton-on-Tees



Shaped Mesh Feature Fencing - Health Facility in Middlesbrough

For 25 years we have been pleased to assist specifiers with the design and development of bespoke railings. These pages show a few examples to illustrate the broad spectrum of work carried out.



Tri-Bar Railings - Health Centre in Sunderland



Custom Windmill Railhead -
Public Park in Gateshead



Ornate Railings & Posts -
Churchyard in Stockton



'Wheat' Feature Panel -
New-Build Housing in Stockton-on-Tees

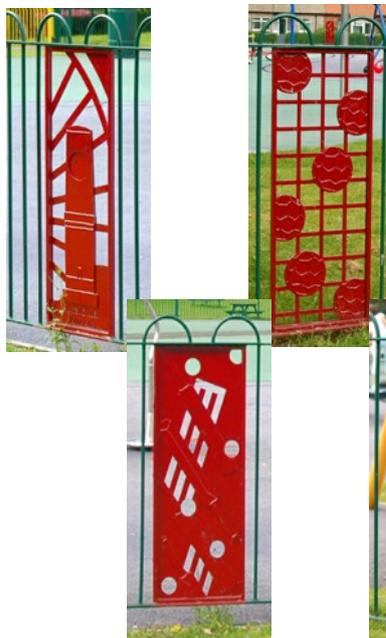


Railing with each Vertical into Coping - Housing Regen in Gateshead



Feature Wall Panels - New Build Care Home in Stockton-on-Tees

Whether your project consists of restoring or matching traditional railings, or finding a new & contemporary look, our 25 years of experience can help turn your ideas into reality.



Bow Top with Integrated Artwork Panels - Play Park in Peterlee



Boundary Wall Railings - Private Dwelling in Chester-le-Street



Curved Railings & Feature Ribbon Posts - Public Park in Gateshead



Round Bar with Feature Post - Public Park in Sunderland



Refurbished Heritage Railings - Public Park in Darlington

General Mesh Fencing



Our three styles of general mesh fencing - **SW55**, **SW55R** and **DW868** - have wires welded at every intersection to provide excellent resistance to general vandalism. Each style has a range of heights and panel widths - we provide detailed specifications on request, and can advise on the most appropriate style for your application. As well as standard systems, we are able to create custom mesh fabrications to suit your exact requirements.

SW55

Uses 5mm wires and incorporates profiled 'V' horizontal beams to increase rigidity. Panels come with one barbed edge and one flush edge, with the barbed edge generally installed at the top to discourage climbing.



SW55 - School Boundary Works in Newcastle

DW868

Utilises double 8mm horizontal wires and a single 6mm vertical wire to produce robust panel with a slightly chunkier appearance than SW55. Whilst it is available in taller panels, this is an excellent choice for heights less than 1.8m.



DW868 - New Build Housing Boundary Works in Wallsend

SW55R

This is a variation of **SW55**, omitting the V-beams in favour of a rolled top profile which is both attractive and safe. Ideal for low-height applications and play areas.



SW55R - Housing Regeneration in Scottish Borders

Single and double swing or sliding gates are available for all mesh designs.



SW55 & Standard Double Gate - School Boundary Works in Newcastle

Sports Mesh Fencing



Sports Fencing - Public Park in Crook

Sports Mesh is a variation of DW868 for use in football pitches, tennis courts, MUGAs and other sports applications.

- Posts feature a full length clamping strip to give predictable ball bounce and minimal rattle.
- A tighter 'rebound' mesh is integrated into the first 1200mm of each panel to take impacts and remove the need for timber boards for most applications.
- Goal recesses and basketball hoops can easily be integrated within the fencing.
- Fencing can be supplied with brackets for hockey boards, or with timber boards already fitted.

Security Mesh Fencing

Steelcraft 358 is a heavier-duty welded mesh for when security is paramount. The 4mm wires are set in a pattern considered both difficult to climb and to attack, with apertures too small for cutting tools, finger-holds or foot-holds.



538 is an alternative style 2.4m high mesh with pressed horizontal beams.



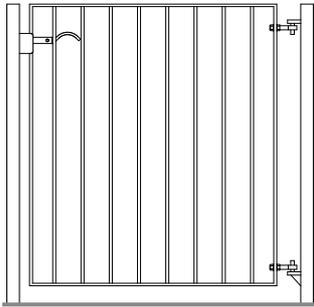
358 - Secure Housing Unit in County Durham



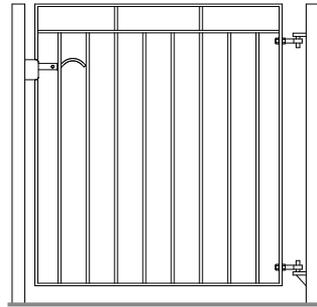
Secure single and double gates are available

Steelcraft Standard Gate Designs

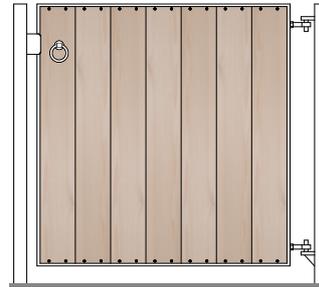
Our range of standard designs are shown here as 1m wide single-leaf gates, but are suitable as sliding or double-leaf designs and can be easily adapted to suit much taller and/or wider apertures.



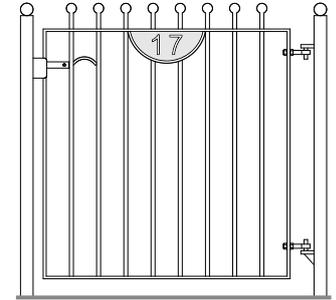
S1 Design



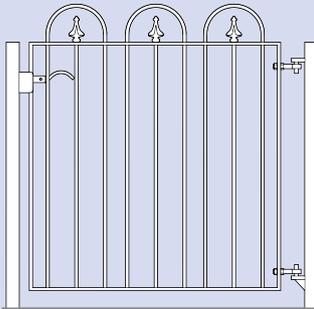
S2 Design



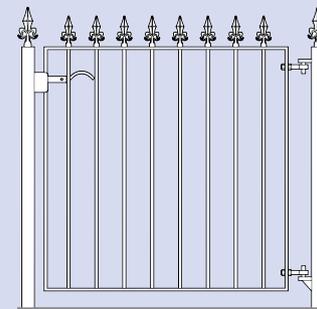
S3 Design
with timber infill



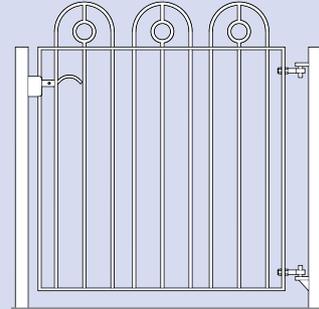
S4 Design



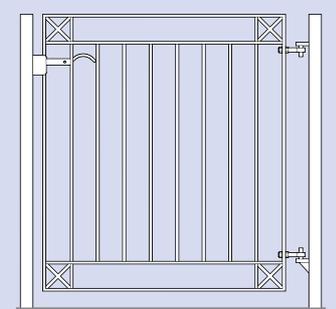
S5 Design



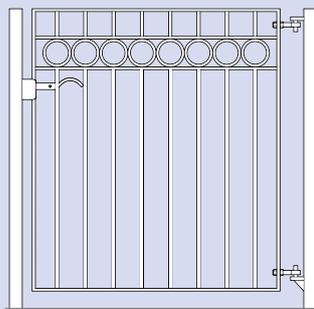
S6 Design
see p12 for post & railhead options



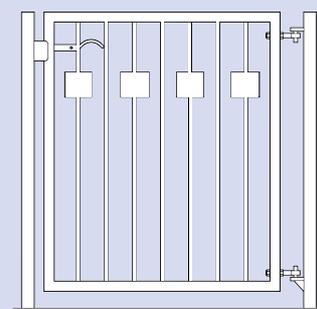
S7 Design



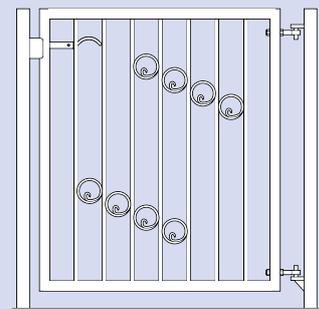
S8 Design



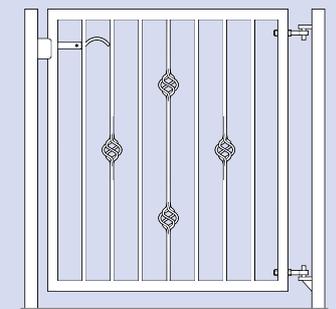
S9 Design



S10 Design



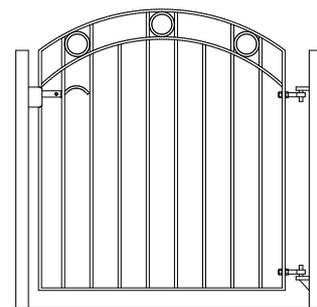
S11 Design



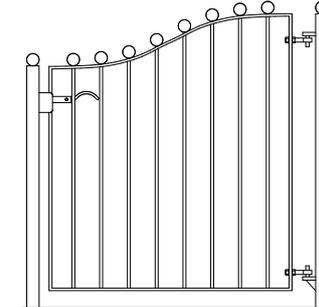
S12 Design

We are pleased to advise on all aspects of gate design.

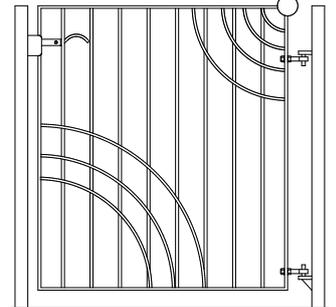
Steelcraft can incorporate features from our railing designs on the preceding pages to create unique gates with decorative features; attractive post tops; number plates; text, logos or artwork.



S13 Design



S14 Design



S15 Design

Detailed specifications for any design are available on request



Steelcraft has the facilities to manufacture a wide range of bespoke gates to suit your requirements. We are able to join the process at any stage, including offering a complete design service to turn concepts into attractive finished products.



Personalised Bi-Folding Gate - Private Dwelling in Chester-le-Street



Tracked Sliding Gate - Housing Regen in Chester-le-Street



Bespoke Double Gate - New-Build Care Home in Stockton-on-Tees



Bespoke Double Gate - Park Boundary Works in Ashington



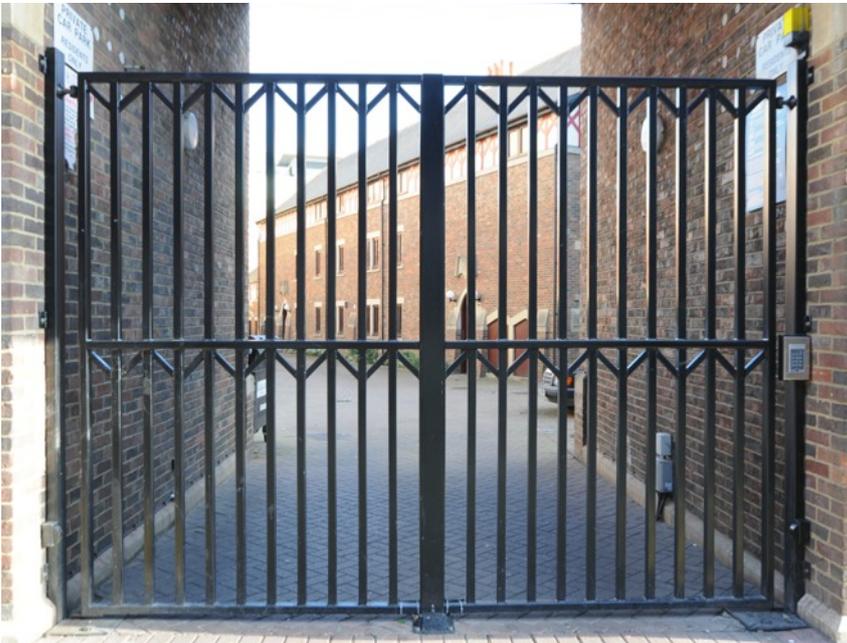
Gates to Heritage Design - Park Regeneration in Darlington



Bespoke Logo Double Gate - Housing Regen in Easington



Automated Double Gates - New-Build Housing Resident's Parking in South Shields



Bespoke Design Automated Gate - Resident's Car Park in Newcastle



Automated Double Gate - Private Road Security Works in Sunderland

Where secure and safe controlled access is required, Steelcraft offers automated swing or sliding gates.

Each system is individually designed to suit the client's needs with due consideration to location and the level of required security.

Control Methods

- Induction Loop
- Push to Exit Button
- Remote Control Key Fob
- Timer Switch
- Laser/Photo Cell Sensor
- Digital Keypad
- Audio/Video Entry System



Steelcraft's aim is to provide high-quality metalwork; on time, on budget, every time and we believe in continuous improvement of processes and people. Alongside our 25 years of experience we have built up a training programme which meets the rigorous quality and health & safety expectations of the industries we serve.

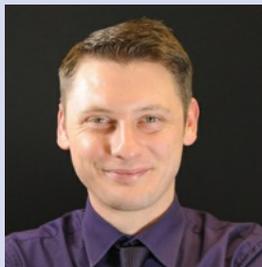
All of our installation crew leaders hold Site Supervisor Safety Training Scheme (SSSTS) qualifications and our Operations Director holds the Site Manager Safety Training Scheme (SMSTS) qualification. 100% of operational staff hold CSCS cards.

Meet The Team

Contracts Department



John P Armstrong



Ian Stoker



Liam Armstrong

Board & Office



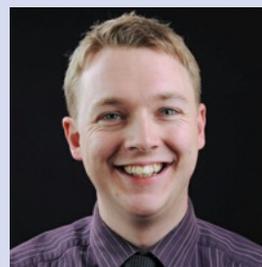
David Armstrong



John A Armstrong



Martin Armstrong



Matthew Rodgers



Carole O'Connor



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