

birkdalesales.com

A smarter way to build boundaries

Over the past 50 years, the construction industry has undergone a remarkable transformation.

Modern Material Advancements
Innovations in material composition and technology have led to solutions that are lighter, stronger, more visually appealing, and environmentally friendly.

An Industry Left Behind
Yet, fencing has largely been left behind. The industry continues to rely on outdated methods—using miles of concrete posts that end up in landfill, and timber posts that rot and end up incinerated. These methods are considered no longer fit for purpose, are costly over the lifespan of the fence, and increase the fences carbon footprint.

Introducing DuraPost®
DuraPost® by Birkdale is a UK based manufacturer specialising in sustainable, maintenance-free steel fence posts and high-performance fencing and fire tested bin store and enclosure systems.

Built For Modern Needs
Our products are specifically designed to add value and enhance sustainability in both commercial and residential fencing projects. Backed by 40+ years of fencing and enclosure expertise, our technical team has developed our patented steel post technology in collaboration with industry professionals, making contractors lives easier at the heart of everything we do. Our range includes 3 different posts to suit all types of residential and commercial fencing applications, from plot and boundary housing fencing to acoustic fencing, and highways and rail civil engineering fencing projects.

Complete Performance Systems
We also have our own range of tested technical solutions and full performance fencing systems for multiple acoustic solutions, retainment solutions and enclosure and fire tested bin store solutions.

Let us show you how DuraPost® is redefining fencing—bringing it in line with the progress seen across the wider construction industry.

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WHY PROFESSIONALS CHOOSE US





Why **Architects & Designers** Choose Us

Architects and Designers choose to work with us because we make specifying our products so easy. Our expert teams are on hand for online or site meetings for all stages of the RIBA construction process.

Be it performance or sustainability, we have invested heavily in being able to provide you with the evidence and test data you need to get specifications approved. We will support you with developing specifications by performance, aesthetic, budget and sustainability in mind.

We can provide Q40 documents, detail drawings and we are available on NBS where you can utilise our own BIM library. Sustainability is central to everything we do in terms of how our systems are designed, and how we operate as a business. We have a BRE accredited EPD, and can provide lots of supporting information and advice to enhance the BREEAM, WELL and LEED submissions.

We can also help with samples or full mock ups of systems so you can see it for yourself, as well as us coming to your practice to deliver CPD's and present education sessions. Our team of Specification Sales Managers will have a forensic approach to managing your project, from helping develop your scheme to support your planning application right through to completion and occupancy, you can rely on us.

- **Expert Guidance**
  Support at every project stage
- **Comprehensive Resources**
  BIM, drawings, and test data
- **Sustainability Focus**
  Backing for green building standards
- **Hands-On Support**
  Samples, CPDs, and project assistance

Why **Contractors** Choose Us

Contractors choose to work with us because we provide high quality market leading products, which are designed to make installation on site as easy as possible whilst helping keep costs down and projects on track.

By offering lightweight, high-performance alternatives to traditional methods, we significantly reduce labour and logistics costs—often with lower material costs as well. Our on-site experts support you at every stage, from reviewing specifications for project suitability, to providing system take-offs for accurate quotations, and managing timelines to stay aligned with your project schedule.

We also offer on-site training for your teams on installation methods and product efficiency, and with availability of our products through over 3,000 merchants across the UK and Ireland, getting the materials you need to get the job done couldn't be easier.

"We could each carry three of the steel fence posts at a time, which drastically improved our productivity, allowing us to install twice the amount of DuraPosts as concrete posts in the same space of time."

- **Easy Installation**
  Products designed for faster on-site setup
- **Lower Costs**
  Lightweight systems cut labour and logistics
- **Expert Support**
  Help with specs, take-offs, and timelines
- **Widespread Access**
  Available through 3,000+ UK merchants



Why **Housing Developers** Choose Us

Housing developers choose to work with us because our sustainable, maintenance free steel fence posts and performance fencing systems are specifically designed to add value and increase sustainability on housing development projects.

We also greatly increase the speed of installation and support a much quicker handover of the plots to occupancy. Our posts often cost less than concrete posts, but with many other areas of added value. You can use them on their own with the preferred panel on the scheme, or with our own panels as a full performance system.

We have a full range of posts, acoustic fencing systems, retainment fencing systems, and enclosures with fire tested bin stores – so with Birkdale you can tackle a wide range of solutions required on every housing development project all in one place. Couple this with our range of aesthetic and design options to suit any scheme, Birkdale DuraPost® is the perfect finishing touch to compliment your beautiful new build project.

"We could each carry three of the steel fence posts at a time, which drastically improved our productivity, allowing us to install twice the amount of DuraPosts as concrete posts in the same space of time."

Sustainable Design
Steel posts that reduce long-term impact

Faster Plot Handover
Quick installation speeds up occupancy

Cost-Effective Flexibility
Use with any panel or full system

Complete Site Solutions
Fencing, enclosures, and design options







Why **Housing Associations** Choose Us

Housing associations choose to work with us as we provide long-term, cost-effective, robust fencing solutions that reduce embodied carbon. Damaged fences can be easily vandalised, allowing access to properties, increasing the risk of ASB and putting vulnerable people at risk.

Our maintenance-free fence posts add commercial value and ensure market-leading structural integrity, outperforming traditional methods and eliminating the costs and risks of timber and concrete failures. This makes gardens and surrounding areas safer for occupants and the community, while lowering the carbon footprint from outdated methods.

We support Housing Associations with a consultative approach, offering a complimentary service to inspect assets and review compliance and performance. We then provide a condition survey, recommend solutions, and connect them with our best approved installers for a competitive tender.

We also offer free training for preferred installers on your framework to ensure a smooth process and optimal results. Our materials are easily accessed via thousands of independent merchants, nationals, and managed services. With DuraPost® offering up to a 25-year guarantee and being 100% maintenance-free, it's the ideal long-term solution to reduce costs and support a safer, cleaner, happier community.

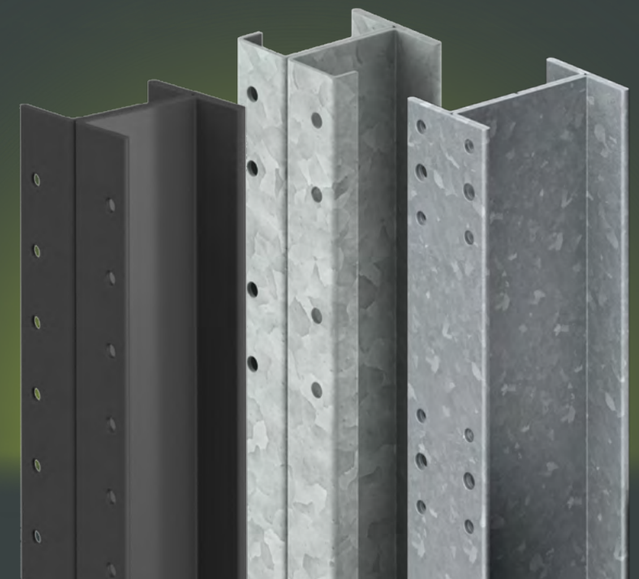
Robust & Sustainable
Long-term fencing that cuts carbon impact

Improved Safety
Prevents vandalism and protects communities

End-to-End Support –
Surveys, advice, and trusted installers

Easy Access & Training
Widely available with installer training

DuraPost®
STEEL FENCE POSTS





Sustainability is at the forefront of everything we do. We are passionate about making a difference in the construction industry and being thought leaders driving change to move away from outdated, old-fashioned methods that are more harmful to the planet.

Reducing Carbon Footprint

Our products and systems are designed to make huge savings in the carbon footprint left by traditional fencing methods such as timber and concrete posts. When assessed through a cradle-to-cradle process, our low-embodied-carbon steel fence posts can deliver up to a 90% reduction in embodied carbon compared to traditional concrete posts. For every mile of fencing where timber posts would have been used, you can save 14 trees from deforestation by choosing DuraPost® (1.8m bays, 3m posts).

Verified Environmental Impact

We have conducted Life Cycle Assessments, and our Environmental Product Declaration (EPD) has been independently verified by BRE. This provides transparency and credibility to our sustainability claims.

CARBON FOOTPRINT

Carbon calculator 2030

The 2030 carbon calculator numbers to the right shows a significant difference in the carbon impact of DuraPost® to Timber and Concrete. This is based on the carbon impact per post, showing a saving of 27.02kg CO2e benefit of DuraPost® vs Timber and 123.36kg CO2e benefit of DuraPost® vs Concrete.

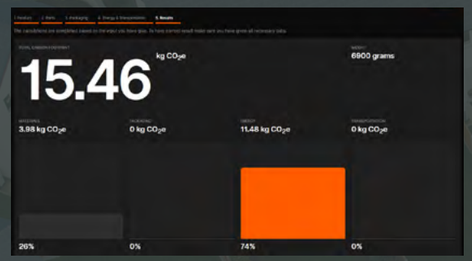
So based on this a typical house build site of 500 homes could save over 1000 tonnes of carbon!

Birkdale has an independently verified lifecycle EPD evaluation of DuraPost® versus traditional posts. This cradle to grave EPD report has verified the accuracy of the numbers taken from the online Carbon calculator.

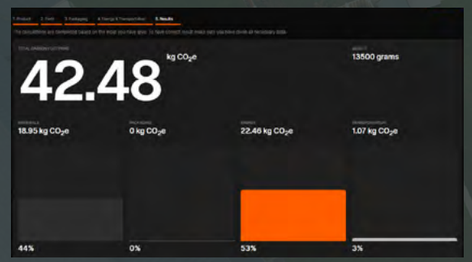
Carbon Neutral Britain
CARBON NEUTRAL BUSINESS 2023

SAVING 1000 TONNES OF CARBON PER 500 HOME BUILD

DuraPost®



Timber Fence Post (2400 x 100 x100mm)



Concrete Slotted Post



To support compliance with emerging environmental standards, we are developing a dedicated biodiversity range aligned with Biodiversity Net Gain legislation.





HEDGEHOG STREET
CITY OF WILDLIFE

For every hedgehog hole sold, we make a donation to the Hedgehog Street Campaign







Innovative Infill Options

We offer a wide range of environmentally conscious infill options. These include composite panels made from recycled materials and bio-waste such as rice husks, environmental noise barriers made from recycled bottle tops and recycled fibreglass, FSC-certified ethically sourced timber infills, recycled aluminium panels, and Smartawood—our ecological alternative to timber made entirely from recycled single-use plastic waste.

Supporting Biodiversity

To support compliance with emerging environmental standards, we are developing a dedicated biodiversity range aligned with Biodiversity Net Gain legislation. We've started with our hedgehog hole system and are developing innovative additions including bin stores with living roofs and acoustic panels with permeable solutions for climbing plants.

Our Broader Sustainability Credentials

As a company, we are proud to be Carbon Neutral Certified. We are active members of the Supply Chain Sustainability School, with many of our team members engaged in continuous professional development. We've also invested in Carbon Literacy training across our workforce.

Circular Economy in Action

As a steel-based solution, our products support both closed- and open-loop circularity, and we're actively developing new ways to maximise these benefits. All of this reflects our firm belief that choosing DuraPost® is a step toward a more sustainable future for fencing.

Find out more about our environmental pledge by scanning here

WHAT ARE THE ISSUES WITH TRADITIONAL FENCING METHODS?

Timber Posts

The use of chromated copper arsenate (CCA) preservatives containing arsenic was banned in the EU for timber treatment, now moving to UC4 with arsenic free alternatives. Due to this timber is prone to rotting and has a much shorter lifespan when used in fencing. Timber posts are considered by many industry professionals as no longer fit for purpose.

Concrete Posts

Freeze-thaw damage in concrete, especially affecting fence posts, occurs when water enters the pores of the concrete, freezes, and expands, causing stress and eventually cracking or crumbling. British weather is prone to months of this type of damage and it is common for concrete fence posts to get hairline cracks which pose a failure risk, or complete failure.

Why Steel and Why DuraPost®?

Industry-Leading Structural Integrity

DuraPost® is constructed entirely from precision-engineered steel posts and frames, designed to deliver strength and durability. Three post options are available, depending on performance requirements:

- **Classic Post** – manufactured from HX460LADZ275 grade steel.
- **Commercial Post** – manufactured from DX51-DZ275 grade steel.
- **Heavy Duty (HD) Post** – manufactured from HX380ZM310 grade steel, benefiting from Zinc Magnelis® protection.

All DuraPost® systems are rigorously static load tested, with Classic and Commercial posts proven to withstand wind speeds over 110 mph, and Heavy Duty testing now underway.
By choosing steel over traditional timber or concrete posts, DuraPost® provides a solution that resists common issues such as rot, cracking, and long-term material degradation—backed by a guarantee of up to 25 years for lasting peace of mind.

Low-Maintenance System

DuraPost® is a low-maintenance system and eliminates the need for regular, costly treatments and maintenance required for traditional methods. This reduces life cycle costs and reduces the risk of failure from improper treatment, whilst also minimising the environmental impact by reducing the use of chemicals during the fence's life.

Easier Installation and Reduces Costs

Our steel posts are significantly lighter than traditional alternatives, such as timber or concrete, while offering superior strength and consistency in performance. Our Classic post is up to 50% lighter than timber posts and up to 85% lighter than concrete posts. This greatly reduces the labour costs and greatly increases speed and quicker handover of projects, also reduces material transportation costs, makes on-site handling easier, reduces the need for expensive plant hire and reduces carbon impact.
DuraPost® is also a more accessible and affordable alternative to other steel options, such as RSJs, which often require galvanising, processing, and drilling post manufacture, which increase lead times and cost. In contrast, our DuraPost® is more cost effective, available from stock, high grade anti corrosion coating, pre-drilled and in stock ready for installation.

Reducing Carbon Footprint

Our products and systems are designed to make huge savings in the carbon footprint left by traditional fencing methods such as timber and concrete posts. When assessed through a cradle-to-cradle process, our low-embodied-carbon steel fence posts can deliver up to a 90% reduction in embodied carbon compared to traditional concrete posts. For every mile of fencing where timber posts would have been used, you can save 14 trees from deforestation by choosing DuraPost® (1.8m bays, 3m posts).

Verified Environmental Impact

We have conducted Life Cycle Assessments, and our Environmental Product Declaration (EPD) has been independently verified by BRE. This provides transparency and credibility to our sustainability claims.

DURAPOST® THE SUSTAINABLE, ECO-FRIENDLY, DURABLE, FLEXIBLE, OPTION

DuraPost® IS ENDLESSLY RECYCLABLE

Comparison between DuraPost®, Timber and Concrete







Type	DuraPost® Classic Post	Concrete Slotted Post	Timber 4" Post
Average lifespan	25+ Years	15-25 Years	4-8 years
Recyclability	Endlessly recyclable	Not recyclable. If rebar can be separated this can be recycled.	Not recyclable
Wind Certified/Tested	Yes – 3rd Party Tested	No	No
Weight	7.1kg	44kg	13.5kg
Quality consistency	Precision engineered with QC checks by Birkdale	Variety of manufacturers and inconsistency	Varying growth time and supply and treatment issues
Delivery to site for 50 plots (833 posts)	5.9 Tonne	36.6 Tonne	11.2 Tonne
Carbon Impact (see carbon 2030 fig.1-3 for figures)	Made from recycled steel and endlessly recyclable	Heavy carbon impact. See concrete impact details.	Positive impact in growth but length of life and grave process has heavy impact.

DuraPost® RANGE

Depending on the needs of your project, the system will be built using one of the three core posts

All of the posts can be used on their own, compatible with any of the traditional fence panels and boards commonly used in the industry, or as part of one of our high performance systems

We have three posts from standard, Classic, Commercial and HD – for more detailed information on each post, its construction and application, see the following pages

Sectors

Can be used for many commercial applications such as housing industry, housing development, public realm, public sector, commercial premises, rail corridors, road corridors, highways, railways, retail, education, hospitals and healthcare, infrastructure, civil engineering projects, life sciences, data centres, nuclear, sports facilities, roof tops, blue roofs, places of worship, stadiums, utilities, airports, distribution centres.

Our Fencing Applications

Housing Development Plot, Housing Development Boundary, Commercial Fencing, Fencing, Environmental Reflective Barrier, Acoustic Noise Barrier, Acoustic Fencing, Wind Loaded, Retainment Solution, Enclosures, Security, Bin Stores, Cycle Stores

Which Post is right for you?

DuraPost® CLASSIC POST

Ideal for residential garden fencing, private boundaries, or decorative fencing where standard panels are used and heavy-duty performance is not required.



DuraPost® COMMERCIAL POST

Suited to light commercial sites, housing developments, schools, or windy locations requiring extra strength with a standard panel profile.



DuraPost® HD POST

Designed for high-load commercial projects, infrastructure fencing, industrial estates, or public sites needing wide panel capacity and superior durability.



PRODUCT HIGHLIGHTS

- HX460 Structural Steel HX380 Structural Steel DX51 Grade Steel
- Much longer life span with up to 25 year guarantee available
- Endlessly recyclable
- Speed and ease of installation greatly increased
- Reduced costs and added commercial value
- Design options and aesthetic to suit any scheme
- 3rd Party Static Load Testing & Wind Speed Calculations
- Huge reduction in weight and transport costs
- Precision engineered consistent material

DuraPost®
CLASSIC POST

GUARANTEED UP TO 25 YEARS

DuraPost® is the modern alternative to traditional timber, concrete fence posts and RSJ's, allowing you to add commercial value and sustainability to your projects whilst incorporating a maintenance free post, with a higher structural performance and a range of design aesthetics to suit any scheme.

This is our patented technology using a single piece of cold rolled folded steel to create a H profile, with no welds or weak spots, with an internal profile of 51mm to meet all common types of boards, panels and infills already used in the industry, or with of our own panels or as part one of our high performance systems. You treat the post exactly how you would treat a normal post in terms of installation in to the ground, and panels can be face fixed or within the H profile.

The post is made from cold rolled HX460LAD Z275 structural steel and comes pre drilled available from stock, it is considerably lighter than concrete and timber posts and often costs less per meter than the nearest alternative, so works out much more cost effective and readily available.

Sector

Residential, Housing Development

Applications

Boundary, Plot Dividers

Available in Lengths

1.8, 2.4m, 2.7m and 3m

Typical Bay Width/Post Centres: 1.8m

Typically projects up to 2m out of the ground (depending on centres).

Bay Height

2m max

Finishes

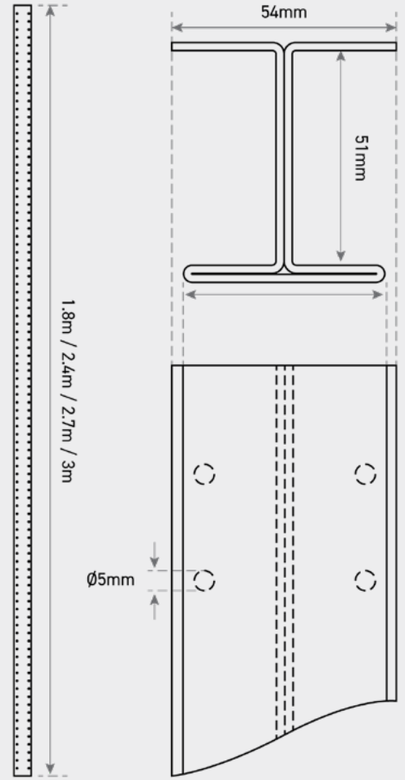
Galvanised, Anthracite Grey (RAL 7016), Sepia Brown (RAL 8014), Olive Grey (RAL 7002), Black (RAL 9005)

Steel Type

HX460LAD Z275 structural steel giving a 25 year guarantee when finished with a RAL colour, or 15 years unfinished pre- galvanised
Contains 50% recycled content

Depending on the needs of your project and performance and specification required, you can use one of the three posts – **Classic, Commercial or HD** – available as standard (with made to order available upon request): Sectors – Residential, Housing Development. Fencing Applications – Boundary, Plot Dividers. Tested in accordance with EN 1794-1-2018.





Finishes



Galvanised | **Anthracite Grey** (RAL 7016) | **Sepia Brown** (RAL 8014) | **Olive Grey** (RAL 7002) | **Black** (RAL 9005)

Weight & Pallet loads

LENGTH	WEIGHT PER POST	PALLET QTY
1.8m	5.4kg	80
2.4m	7kg	80
2.7m	7.8kg	60
3.0m	8.2kg	60

DuraPost®
COMMERCIAL POST

GUARANTEED UP TO 25 YEARS

DuraPost® is the modern alternative to traditional timber, concrete fence posts and RSJ's, allowing you to add commercial value and sustainability to your projects whilst incorporating a maintenance free post, with a higher structural performance and a range of design aesthetics to suit any scheme.

Using our same patented technology in the Classic Post, with a single piece of cold rolled folded steel to create a H profile, with no welds or weak spots, but with a clever in turn to create greater structural integrity whilst retaining the industry standard internal profile of 52mm to meet all common types of boards, panels and infills already used in the industry, or used with of our own panels or as part one of our high performance systems. You treat the post exactly how you would treat a normal post in terms of installation in to the ground, and panels can be face fixed or within the H profile.

The post is made from DX51D ZM310 (Magnelis® coating thickness 25µm) steel, with greater corrosion performance and comes pre drilled available from stock, it is considerably lighter than concrete and timber posts and often costs less per meter than the nearest alternative, so works out much more cost effective and readily available.

Sectors

Can be used for many commercial applications such as housing industry, housing development, public realm, public sector, commercial premises, rail corridors, road corridors, highways, railways, retail, education, hospitals and healthcare, infrastructure, civil engineering projects, life sciences, data centres, nuclear, sports facilities, roof tops, blue roofs, places of worship, stadiums, utilities, airports, distribution centres.

Our Fencing Applications

Housing Development Plot, Housing Development Boundary, Commercial Fencing, Fencing, Environmental Reflective Barrier, Acoustic Noise Barrier, Acoustic Fencing, Wind Loaded, Retainment Solution, Enclosures, Security, Bin Stores, Cycle Stores

Lengths

2.4, 3m, 3.4, 4m and 5m

Typical Bay Width/Post Centres: 1.8m, 2.4 and 3m

Typically for projects up to 3m out of the ground (depending on centres).

Bay Width/Post Centres:

1.8m, 2.4 and 3m

Finishes

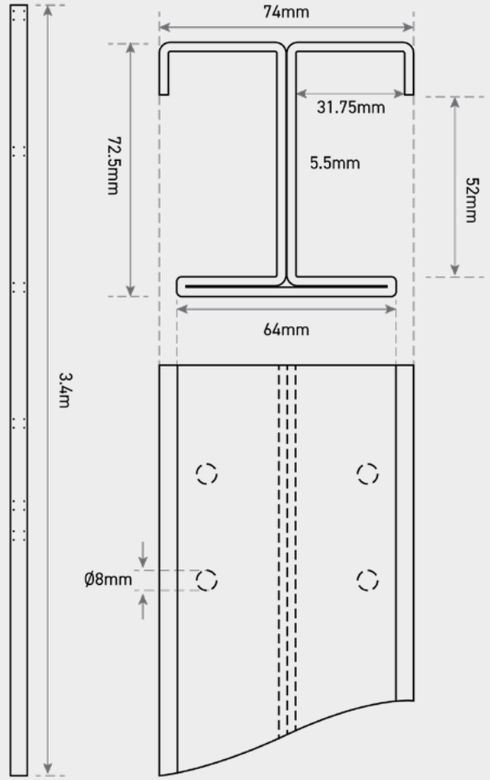
Galvanised, Anthracite Grey (RAL 7016), Sepia Brown (RAL8014), Olive Grey (RAL 7002), Steel Type –DX51 structural steel but also benefiting Magnelis® galvanising (coating thickness 25µm) giving it a 25 year guarantee without a powder coated RAL finish

Steel Type

DX51D ZM310 (Magnelis® - coating thickness 25µm) steel giving a 25 year guarantee (even without a powder coated RAL finish) Tested in accordance with EN 1794-1-2018 Durability Test

Depending on the needs of your project and performance and specification required, you can use one of the three posts – **Classic, Commercial or HD** – available as standard (with made to order available upon request):





Finishes



Galvanised | **Anthracite Grey** (RAL 7016) | **Sepia Brown** (RAL 8014) | **Olive Grey** (RAL 7002) | **Black** (RAL 9005)

Weight & Pallet loads

LENGTH	WEIGHT PER POST	PALLET QTY
2.4m	16.55kg	75
3.0m	20.69kg	60
3.4m	23.45kg	55
4.0m	27.58kg	45
5.0m	34.47kg	35

DuraPost®
HD POST

GUARANTEED UP TO 25 YEARS

DuraPost® is the modern alternative to traditional timber, concrete fence posts and RSJ's, allowing you to add commercial value and sustainability to your projects whilst incorporating a maintenance free post, with a higher structural performance and a range of design aesthetics to suit any scheme.

This is our own patented technology using a single piece of cold rolled folded steel to create a double seamed H profile, with no welds or weak spots, with an internal profile of 105mm to meet many common types of boards, panels and infills already used in heavy duty commercial and civil fencing projects, or as part one of our high performance systems. The post is installed in the ground just like a standard post, and panels can be either face-fixed or fitted neatly within the H-profile.

The post is made from HX380LAD ZM310 (Magnelis® - coating thickness 25µm) cold rolled structural steel which is Magnelis® treated for greater corrosion performance and comes pre drilled available from stock, it is also lighter and often costs less per meter than the nearest RSJ so works out much more cost effective and readily available.

Sectors

Can be used for many commercial applications such as housing industry, housing development, public realm, public sector, commercial premises, rail corridors, road corridors, highways, railways, retail, education, hospitals and healthcare, infrastructure, civil engineering projects, life sciences, data centres, nuclear, sports facilities, roof tops, blue roofs, places of worship, stadiums, utilities, airports, distribution centres.

Our Fencing Applications

Housing Development Plot, Housing Development Boundary, Commercial Fencing, Fencing, Environmental Reflective Barrier, Acoustic Noise Barrier, Acoustic Fencing, Wind Loaded, Retainment Solution, Enclosures, Security, Bin Stores, Cycle Stores

Lengths

2.4m, 3m, 4m, 4.7m, 5.5m

Typical Bay Width/Post Centres: 1.8m, 2.4 and 3m

Heights

Typically for projects up to 4m out of the ground (depending on centres).

Finishes

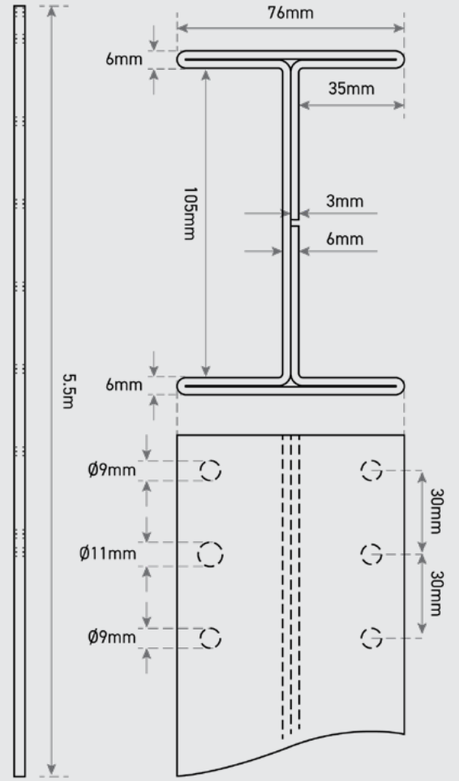
Galvanised (Magnelis® - coating thickness 25µm)

Steel Type

Steel Type – HX380LAD ZM310 (Magnelis® - coating thickness 25µm) giving a 25 year guarantee (even without a powder coated RAL finish)

Depending on the needs of your project and performance and specification required, you can use one of the three posts – **Classic, Commercial or HD** – available as standard (with made to order available upon request):





Finishes



Galvanised | **Anthracite Grey** (RAL 7016) | **Sepia Brown** (RAL 8014) | **Olive Grey** (RAL 7002) | **Black** (RAL 9005)

Length & Weight per Post

LENGTH	WEIGHT PER POST
2.4m	30kg
3.0m	37.5kg
4.0m	50kg
4.7m	55.5kg
5.45m	65kg

BIRKDALE SOUND SHIELD PRO® ACOUSTIC FENCING SOLUTIONS

At Birkdale, our Sound Shield Pro® Commercial Acoustic Fencing and Environmental Noise Barrier range is specifically designed to offer a wide range of options to reduce and control the transmission of sound between two areas. Smarter sound control, stronger site performance.

Our system is most commonly used in commercial, road and rail corridors, civil, industrial and residential housing development boundary projects. We have developed the range with a view to enhancing the wellbeing of people and nature in harmony, to all benefit from an improved surrounding environment and help support better mental health and wellbeing.





With Sound Shield Pro® you can benefit from:

Superior Sound Control and Design Options
The primary goal of acoustic fencing is to reduce noise pollution. Our Birkdale Commercial Acoustic Fencing boasts a high sound blocking rating, with various options for reflective and absorbative. Our systems offer range of acoustic panel types tested to suit various industry applications, enhance the required sound performance, improve sustainability, give you a choice of aesthetics or to work within project budgets.

Industry-Leading Structural Integrity
Commercial acoustic fences and environmental noise barriers must withstand harsh weather conditions and constant exposure to the elements. It is crucial that the fence is structurally sound to prevent damage or collapse, particularly when used in public spaces.

DuraPost® fence posts come with up to a 25-year guarantee. By using steel instead of traditional timber or concrete posts, we reduce the risk of failure and degradation associated with traditional materials.

Please note, you must always consult your own acoustic consultant when diagnosing the appropriate material for your project



BIRKDALE SOUND SHIELD PRO® ACOUSTIC REFLECTIVE COMMERCIAL (45MM T&G)

GUARANTEED UP TO 25* YEARS

Our heavy-duty timber tongue-and-groove acoustic fencing system, engineered with 'Commercial' DuraPost® fence posts and precision-fit boards, has been independently acoustic tested to deliver high performance in demanding projects.

Steel Fence Posts:

- Commercial DuraPost® Fence Post

Acoustic Board:

- 225x47mm Redwood Tongue and Groove Boards (70% PEFC)
- 85x35mm Redwood Rebated Capping Rail (70% PEFC)

Sound Performance:

- Rw=33dB
- DLr=30dB

Key Benefits:

- Robust & Heavy Duty Panels
- Tested for Commercial, Highways & Rail
- Quick Tongue & Groove Installation

Installation Methods:

Installation Methods: Post set in to ground or available with bolt downs to concrete surfaces

Bay Widths

2.4m

Sectors

Can be used for many commercial applications such as housing industry, housing development, public realm, public sector, commercial premises, rail corridors, road corridors, highways, railways, retail, education, hospitals and healthcare, infrastructure, civil engineering projects, life sciences, data centres, nuclear, sports facilities, roof tops, blue roofs, places of worship, stadiums, utilities, airports, distribution centres.



BIRKDALE SOUND SHIELD PRO® ACOUSTIC REFLECTIVE UNIVERSAL (28MM T&G)

GUARANTEED UP TO 25* YEARS

Our acoustic fencing system is ideal where you want the benefits of noise reduction. It ensures durability and long-term protection against decay, all at outstanding value

Steel Fence Posts

Commercial DuraPost® Fence Post with additional acoustic timber packer and supporting mid rail (post seal and infill type dependent on application)

Acoustic Board

Our 28mm tongue and groove acoustic fence boards are made from Scandinavian Redwood, Grade G4-2 (SS-EN 1611-1) and pressure treated with Tanalith® E to WPA Code C3 for fencing, ensuring durability and long-term protection against decay.

Sound Performance

- Rw=31dB
- DLr=28dB

Key Benefits

- Cost effective
- High performance
- Universal application

Installation Methods

Post set in to ground, core drilled or available with bolt downs to concrete surfaces

Bay Widths

2.4m

Sectors

Can be used for many commercial applications such as housing industry, housing development, public realm, public sector, commercial premises, rail corridors, road corridors, highways, railways, retail, education, hospitals and healthcare, infrastructure, civil engineering projects, life sciences, data centres, nuclear, sports facilities, roof tops, blue roofs, places of worship, stadiums, utilities, airports, distribution centres.

* Subject to terms and conditions and only for rot and insect attacks



BIRKDALE SOUND SHIELD PRO® ACOUSTIC COMMERCIAL COMPOSITE PRIMA

Our sound-tested PVC composite acoustic system delivers excellent noise reduction with a contemporary aesthetic to compliment your project. The PRIMA board incorporates steel reinforcement rods for exceptional strength and long-term structural integrity

Steel Fence Posts

Commercial DuraPost® Fence Post

Acoustic Board

DuraPost PRIMA® boards, made from PVC (70% recycled material) that offers high UV stability to preserve colour.

Sound Performance

● Rw=26dB ● DLr=24dB

Key Benefits

● Design Aesthetic ● High Tested Sound Performance ● Commercial Composite ● Easy Installation ● Anti Climb ● Up to 25-year guarantee on posts

Installation Methods

Post set in to ground, core drilled or available with bolt downs to concrete surfaces

Bay Widths

1.8m, 2.4m

Sectors

Can be used for many commercial applications such as housing industry, housing development, public realm, public sector, commercial premises, rail corridors, road corridors, highways, railways, retail, education, hospitals and healthcare, infrastructure, civil engineering projects, life sciences, data centres, nuclear, sports facilities, roof tops, blue roofs, places of worship, stadiums, utilities, airports, distribution centres.



BIRKDALE SOUND SHIELD PRO® ACOUSTIC COMMERCIAL COMPOSITE VISTA

Our sound-tested commercial wood-plastic-composite acoustic system is engineered to deliver exceptional noise reduction while offering an attractive aesthetic to complement your project. The VISTA board features reinforced framing at both the top and bottom, ensuring long-lasting structural integrity

Steel Fence Posts

Commercial DuraPost® Fence Post

Acoustic Board

DuraPost VISTA® (WPC composite boards)

Sound Performance

● Rw=29dB ● DLr=27dB

Key Benefits

● Design Aesthetic ● High Tested Sound Performance ● Commercial Composite ● Easy Installation

Installation Methods

Post set in to ground or available with bolt downs to concrete surfaces

Bay Widths

1.8m

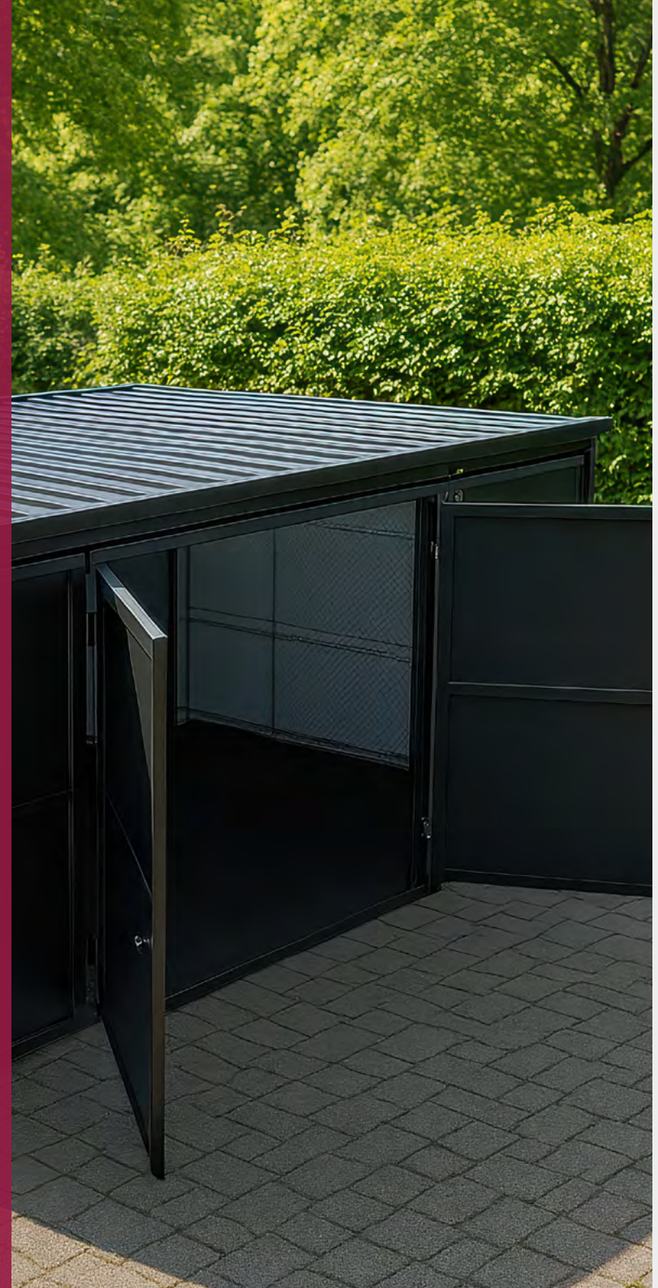
Sectors

Can be used for many commercial applications such as housing industry, housing development, public realm, public sector, commercial premises, rail corridors, road corridors, highways, railways, retail, education, hospitals and healthcare, infrastructure, civil engineering projects, life sciences, data centres, nuclear, sports facilities, roof tops, blue roofs, places of worship, stadiums, utilities, airports, distribution centres.

BIRKDALE WASTE SHIELD PRO® BIN STORE SOLUTIONS

Effective waste management is a growing priority for developers, local authorities, and contractors, with greater focus on safety, compliance, and sustainability.

To meet these demands, Birkdale created Waste Shield Pro® — a next-generation bin store system that makes communal waste areas safer, cleaner, and more secure. Its fire-resistant design provides reassurance while improving hygiene by containing odours, preventing spillage, and deterring pests. By reducing risks of arson, vandalism, and fly-tipping, it helps foster more respectful, well-maintained shared spaces. Durable, low-maintenance, and sustainable, Waste Shield Pro® is the smart long-term solution for modern waste management.





FIRE TESTED TO EN 1364-1 for 60 minutes structural resistance

FIRE MAX 60 MINUTE FIRE TESTED MODULAR BIN STORE SOLUTION

This is our 60 minute structurally fire tested bin store system tested to EN1364-1. Specifically engineered for use in housing developments to deliver safety and durability to your bin store solutions without compromising on visual appearance. Can also be used for a multitude of applications such as cycle stores, e-scooter stores, buggy and mower sheds amongst many more. Designed for ease of installation with the contractor at heart it is pre fabricated, pre drilled and a modular panel system.

Construction:

Steel and non combustible layered material composition

Fire Performance

60 Minute structurally fire tested to en1364-1

Key Benefits

● 60 Minute Fire Tested ● High Hygiene, ● Anti Vandal ● Anti Graffiti ● Quick and Easy to Install ● Rot- and Weather-Resistant ● Aesthetically Appealing ● Recyclable and Eco-Friendly

Modular Sizes

Height designed to suit Biffa Bins to open fully

Finish

Black

Sectors:

Can be used for many commercial applications such as housing industry, housing development, public realm, public sector, commercial premises, rail corridors, road corridors, highways, railways, retail, education, hospitals and healthcare, infrastructure, civil engineering projects, life sciences, data centres, nuclear, sports facilities, roof tops, blue roofs, places of worship, stadiums, utilities, airports, distribution centres.

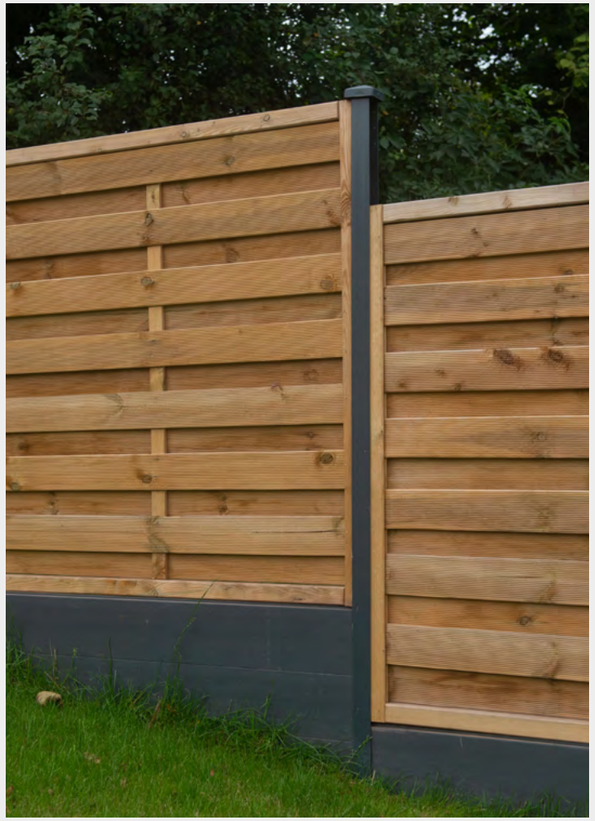
Tested in accordance with

BS EN 1364 – 1

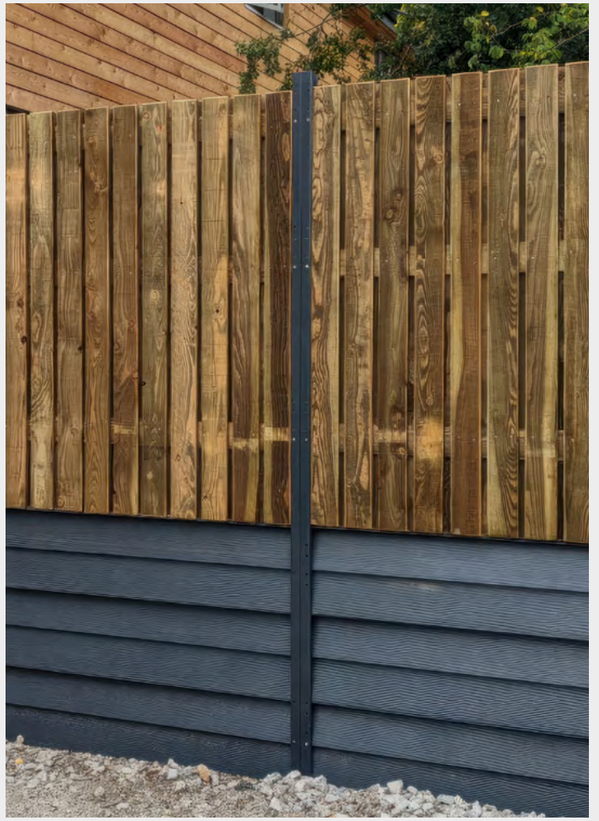
We also have a vast range of non modular enclosure configurations, where you can use our panels and posts with options for gates and roofs to suit any scheme and project, please speak to one of our experts for further guidance on this.

BIRKDALE TERRA SHIELD PRO® RETAINMENT FENCING SOLUTIONS

At Birkdale, our Terra Shield Pro® system is engineered to deliver strength and stability in managing ground level changes. Ideal for sloped landscapes, tiered gardens, housing developments, and even selected civil projects.

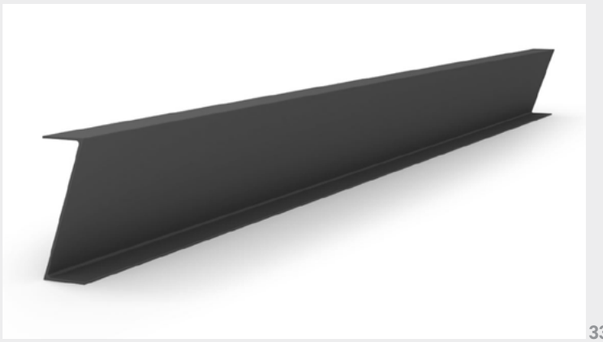








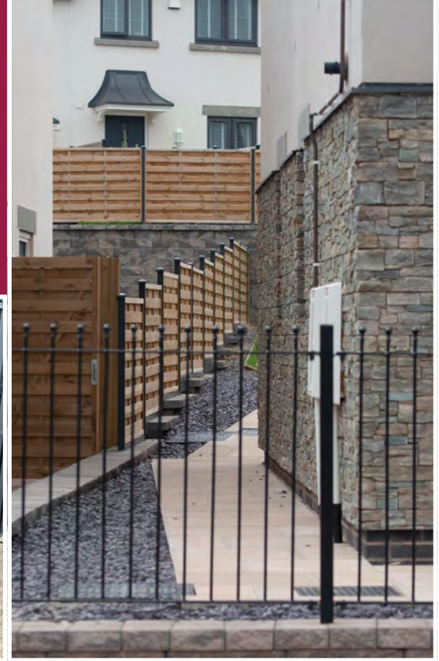




CASE STUDIES















CASE STUDY

PAR HOMES

PAR Homes specified DuraPost® fence posts for its new Beacons Gate development in Brecon, Wales. The housebuilder had initially planned to install concrete fence posts, but when the team discovered DuraPost® they realised there was a product on the market that would significantly improve the speed of installation, while maintaining its durability.

Harsh conditions

brecon is located in a region of Wales that is known for strong winds and harsh conditions, so PAR Homes were well aware that their new property development needed to include a durable fencing solution. Concrete fence posts seemed to be the obvious answer, but while concrete is the most resistant fence post material, it is not aesthetically pleasing. Timber is popular due to its appearance but it can't offer a long-term, weatherproof solution.

> "We wanted to find a replacement that would allow us to be more efficient, whilst not having to compromise on performance and durability"

PAR Homes initially decided to go with concrete. However, early on in the project, it became clear that the concrete posts were slowing down the developers' progress.

"An employee could only carry one post at a time, and the posts themselves required a considerable amount of preparation prior to installation," said Neil Lloyd, Contract Manager at PAR Homes. "We wanted to find a replacement that would allow us to be more efficient, whilst not having to compromise on performance and durability."





“We could each carry three of the steel fence posts at a time, which drastically improved our productivity, allowing us to install twice the amount of DuraPosts as concrete posts in the same space of time.”

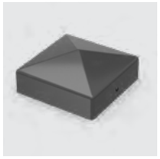




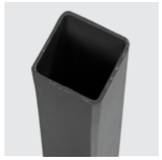
GET THE LOOK



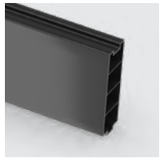
Anthracite Grey Classic DuraPost®



Anthracite Grey Post Cap



Anthracite Grey Gate Post



Anthracite Grey Gravel Board

After some research, Neil discovered DuraPost® By Birkdale and the PAR Homes team visited Caerfagu Products, their local building supplier, where they acquired a small sample of DuraPost® fence posts to trial on one of the properties at Beacons Gate. This was an overwhelming success.

Neil continued: “We could each carry three of the steel fence posts at a time, which drastically improved our productivity, allowing us to install twice as many DuraPosts as concrete posts in the same period of time.”

LIGHTWEIGHT BUT STRONG

Manufactured from galvanised steel, DuraPost® offers a solution that is 80% lighter than concrete but no less resistant to harsh weather. The steel is cut and rolled through a specially made die to create a unique, patented H-section profile. This ensures that it is not only lightweight but also incredibly strong, delivering maximum durability. DuraPost® has been tested by the Building Research Establishment Ltd (BRE), so it is proven to withstand winds of up to 110mph.

PROBLEM SOLVED

Having met all of the installation and performance requirements, PAR Homes decided to go forward with the DuraPost® system throughout the Beacons Gate site, for the front and back gardens of all 119 properties.

“It will be a good-looking site when finished,” commented Neil. “With many of the Beacons Gate properties’ fascias and windows in Anthracite Grey, the fact we could specify DuraPosts to match really helps to bring everything together. I would highly recommend the product to other developers.”



CASE STUDY

TRURO FC

This case study highlights the partnership between DuraPost® and various stakeholders to deliver a state-of-the-art fencing solution for the new Truro Football Association (FA) pitch. By combining innovative design with high-performance materials, the project addressed key requirements such as durability, safety, and crowd control, ensuring a long-lasting and secure environment for players, coaches, and spectators.



Project Overview

DuraPost® was chosen as the preferred fencing solution for the brand-new Truro FA pitch, a development intended to enhance the local football community. This pitch required a solution that met the specific needs of an FA-standard facility while also adhering to the rigorous demands of durability, safety, and functionality.

Collaboration with Architects and Civil Engineering Team

From the outset, DuraPost® worked closely with architects and the civil engineering team at Cormac, who were tasked with designing the pitch for Truro Council. The collaboration ensured that the fencing solution was fully integrated into the broader project design and met all of the necessary specifications for a top-tier football facility.

Our team understood the importance of creating a fencing solution that not only enhanced the aesthetics of the pitch but also met critical functional requirements. This included ensuring the safety of attendees, providing emergency access, managing crowd control, and ensuring the longevity of the installation.

Challenges and Considerations

The key challenges addressed in this project were:

Durability: The solution needed to withstand the harsh outdoor environment, including variable weather conditions typical in the region.

Safety: The safety of the players, coaches, and spectators was paramount. The design had to ensure no sharp edges or unstable structures.

Emergency Access: Quick and clear access for emergency services needed to be accounted for in the layout of the fencing.

Crowd Control: The design needed to manage crowds effectively, ensuring that spectators remained within designated areas and did not interfere with play.

Solution: DuraPost® and URBAN Composite Infill

DuraPost® commercial-grade posts and the DuraPost URBAN® composite infill panels were chosen as the ideal solution for this project. The DuraPost® system provides exceptional strength, security, and durability, while the URBAN composite infill offers a sleek, modern look and is made from sustainable materials.

Key features of the solution included:

DuraPost® Commercial Posts: These posts are designed to withstand high impacts and harsh weather, ensuring a long lifespan with minimal maintenance.

DuraPost URBAN® Composite Infill: The composite infill is not only aesthetically pleasing but also lightweight, durable, and eco-friendly. It complements the modern design of the pitch while providing additional safety features.

By integrating both products into the design, we delivered a solution that met all of the project's requirements while enhancing the professional look of the new Truro FA pitch.

Implementation

The DuraPost® team worked alongside Cormac Civil Engineering to ensure seamless execution of the design. The installation was completed efficiently, with minimal disruption to the project timeline. The use of DuraPost® modular design allowed for a quick and effective installation process, ensuring that the project stayed on track for completion.

Results and Outcomes

The installation of DuraPost® fencing has successfully met the design specifications outlined for the Truro FA pitch. Key outcomes include:

Durability: The DuraPost® system is engineered to last, reducing the need for frequent repairs or replacements.

Safety: The smooth, secure posts and infill panels ensure a safe environment for all attendees.

Aesthetic Appeal: The modern, sleek design of the fence enhances the overall appearance of the Truro FA pitch, making it a standout facility.

Functionality: The fence is well-suited to managing crowd control, ensuring safety while allowing easy access in case of emergencies.

Client Testimonial

"We are thrilled with the fencing solution provided by DuraPost®. The combination of durability, safety, and visual appeal makes it the perfect choice for our new pitch. The collaboration with DuraPost® and the team at Cormac ensured that all of our requirements were met, and we now have a facility that we can be proud of for years to come."

— Truro FA

Conclusion

The DuraPost® fencing solution for the Truro FA pitch provides a perfect balance of functionality, safety, and design. By partnering with architects and Cormac civil engineers, DuraPost® was able to deliver a product that met the strict specifications for a modern football pitch, contributing to the success of the project. With its durability, ease of maintenance, and eco-friendly design, DuraPost® will continue to serve the Truro FA pitch for years to come.



CASE STUDY

HERTZ HEATHROW

> The installation team worked in shifts to minimize disruption to Hertz's operations. This approach allowed the team to manage the constant flow of vehicles while ensuring the safety of both workers and customers.

When Hertz, a global leader in car rentals, needed a fencing solution at their Heathrow Airport location, they turned to DuraPost® for an effective and durable solution. Their primary requirement was to secure their property while maintaining an aesthetically pleasing appearance.

The DuraPost VENTO® composite fence panel was recommended in charcoal, supported by anthracite grey DuraPost® steel fence posts. This combination not only promised enhanced security but also matched Hertz's modern and professional image.

The Challenges

Navigating Uneven Ground and Constant Traffic

The installation team faced significant challenges, starting with the uneven ground at the site. Ensuring a level installation on such terrain required careful planning and precision.

Additionally, the site was a hive of activity with cars being picked up and dropped off constantly. This constant traffic not only posed logistical challenges but also safety concerns that needed to be meticulously managed throughout the project.

Innovative Solutions

Implementing DuraPost VENTO® Composite Panels and Steel Posts

To address the uneven ground, DuraPost® utilized adjustable post bases that allowed for precise alignment of the fence panels. This ensured that despite the challenging terrain, the fence line remained straight and true.

The DuraPost VENTO® composite panels were chosen for their durability and low maintenance requirements. Combined with the robust anthracite grey steel posts, this setup provided a long-lasting solution that could withstand the demands of a high-traffic area like an airport.

Execution: Overcoming Obstacles for Seamless Installation

The installation team worked in shifts to minimize disruption to Hertz's operations. This approach allowed the team to manage the constant flow of vehicles while ensuring the safety of both workers and customers.

The presence of various underground services added another layer of complexity. Careful mapping and cautious digging were essential to avoid damaging these crucial services. The team's meticulous planning paid off, as the installation proceeded without incident.

Happy customers

Outcome: Enhanced Security and Aesthetic Appeal for Hertz

Upon completion, the new DuraPost® fence provided a significant upgrade over the previously used recycled plastic hit-and-miss system. The DuraPost VENTO® composite panels and steel posts not only enhanced the security of Hertz's property but also contributed to a more professional and polished look.

Hertz was extremely satisfied with the outcome, noting the improved durability and aesthetic appeal of their new fencing solution.

The project stands as a testament to DuraPost's ability to deliver high-quality, innovative solutions even in the face of challenging conditions.







CASE STUDY

HARLOW BIN STORES



The Harlow Bin Store Project shows how functionality and design can work together in urban spaces. By using aluminium bin stores that match the aluminium-coloured window and door frames, the project meets the practical needs of waste management while enhancing the look of the residential area. It highlights the value of thoughtful planning, where even waste storage contributes to a cleaner, more cohesive living environment.

The problem

Transforming Urban Living

The Harlow Bin Store Project stands as a testament to innovative urban planning and design. This commercial endeavour saw the installation of non-combustible, durable aluminium bin stores, strategically placed around the exterior of an apartment complex. The goal was to create an organised and aesthetically pleasing waste management solution that enhances the living experience for residents.

By addressing the often-overlooked aspect of waste storage, the project not only improves the visual appeal of the apartment complex but also contributes to a cleaner and more hygienic environment. This transformation is a significant step towards fostering sustainable urban living spaces.





Happy customers

The Ideal Material for Bin Stores

For this project, the developers opted for DuraPost® aluminium, drawn to its fire-safety advantages and sleek, modern finish. Aluminium's durability and resistance to corrosion ensure that the bin stores will endure the elements and the test of time, making it an excellent choice for outdoor installations. Additionally, its lightweight nature facilitates easier handling and installation, yet it remains incredibly strong, providing a robust and secure storage solution.

While aluminium was the material of choice, these bin stores are also available in DuraPost® Urban composite materials, offering the same advantageous properties. This flexibility allows developers to select the finish that best aligns with their aesthetic and functional preferences, ensuring a tailored solution for every project.





CASE STUDY

CLARION HOUSING, BRADFORD MODULAR BIN ENCLOSURES

Poorly managed bin storage is a persistent challenge on residential developments — affecting safety, appearance and resident satisfaction. This case study explores how Clarion Housing tackled the problem at their Bradford site, using Birkdale modular bin enclosures built with DuraPost HORIZON® panels and DuraPost® Classic posts to create a durable, flexible and visually cohesive storage solution across the development.

The challenge

Bins, disorder and communal space

On busy housing developments, poorly managed bin storage is a common and persistent issue. At Clarion Housing's site in Bradford, wheelie bins were frequently left scattered across gardens, pavement and communal green spaces. This created several challenges for the housing associations and residents alike.

Bins left in these locations posed a safety risk, often obstructing emergency access points and fire routes. At the same time, the inconsistent and untidy appearance of streets negatively affected the overall look and feel of the development. For housing associations, this can lead to reduced resident satisfaction, increased maintenance issues and communal spaces that feel poorly managed.

The solution

A modular system built to adapt

Working with Clarion Housing, Birkdale modular bin enclosures were installed using DuraPost HORIZON® fence panels paired with DuraPost® Classic steel posts — a practical, flexible solution adaptable to different plot layouts.

The modular system can be configured for two, four, six or more bins, suiting a wide range of property types and shared spaces. DuraPost® Classic posts provide strength and durability, whilst HORIZON® panels tie visually with existing fencing across the development, creating clearly designated, permanent bin storage that sits naturally within the wider landscape.

Why DuraPost HORIZON®

Durability designed for communal living

DuraPost HORIZON® was selected for this project primarily due to its longevity and fire-resistant properties. These characteristics make it well suited to communal areas that are likely to face exposure to anti-social behaviour, accidental impact or extreme weather.

Birkdale also offers fully fire-tested bin storage solutions of up to 60 minutes, these modular enclosures provide a simpler more compact alternative. They are particularly effective where space is limited, offering a compliant and practical way to organise bins without the need for large, standalone structures.

The Results

Clearer streets, safer access

The installation of the modular bin enclosures delivered immediate and visible improvements across the Bradford site. Streets and pathways were left clear, with unobstructed access for residents and emergency services. Bin locations became permanent and clearly defined, removing ambiguity about where bins should be stored.

From a visual perspective, the development benefited from a more uniform and consistent appearance. The enclosures helped improve cleanliness and hygiene around bin areas whilst contributing to a smarter, better-maintained environment for residents.

The Outcome

Lasting impact for housing developers

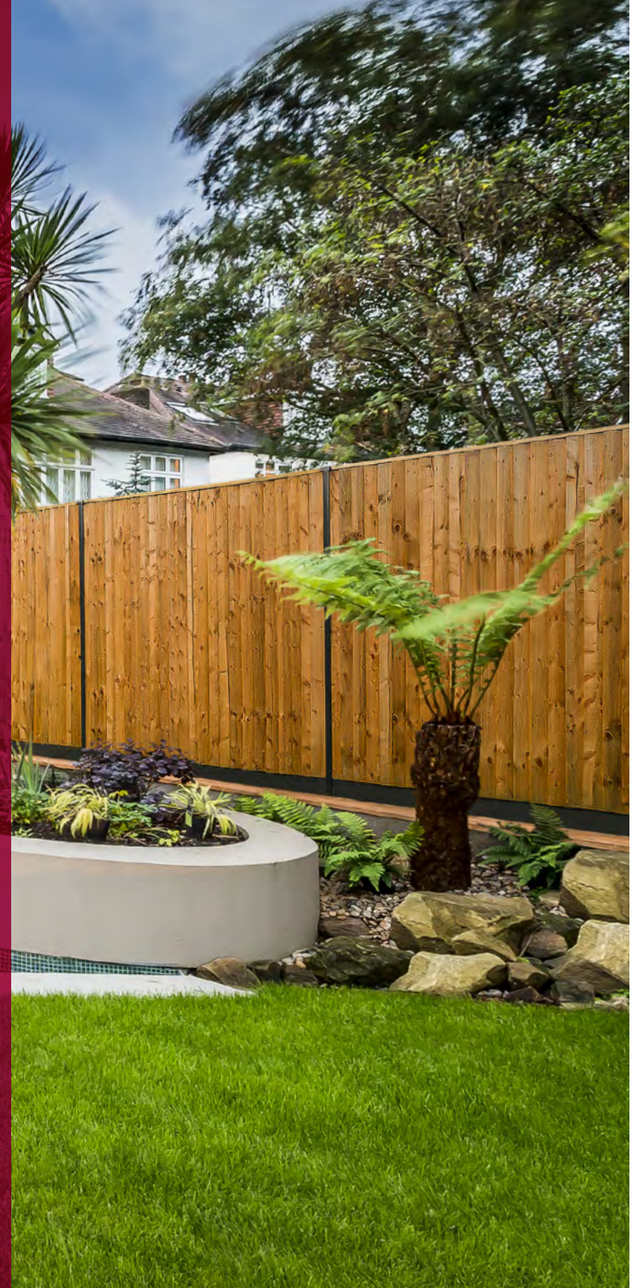
This project demonstrates how a well-considered boundary solution can address everyday challenges faced by housing associations. By using DuraPost HORIZON® and DuraPost® Classic to create modular bin enclosures, Clarion Housing transformed a practical problem into an organised, durable and visually cohesive solution.





RIBA-ACCREDITED FENCING CPD BUILT FOR SPECIFIERS

Fencing is one of the most specified yet least understood elements of the built environment. From boundary treatments and bin enclosures to highways infrastructure and biodiversity net gain, the decisions specifiers make around fencing have lasting consequences — for safety, sustainability, aesthetics and whole-life cost.
Birkdale's RIBA-accredited CPD gives architects, landscape architects and construction professionals the knowledge to specify fencing with confidence.





Who Is It For?

Built for design and specification professionals
This CPD is designed for architects, landscape architects, project managers and anyone involved in specifying boundary solutions across residential, commercial, public sector and infrastructure projects. Whether you're new to fencing specification or looking to refresh your knowledge, the session provides practical, relevant and immediately applicable guidance.

What Does It Cover?

From materials to regulations — everything that matters
The session takes professionals through the full fencing specification journey, covering:

- **Fencing as a system**: posts, panels and groundwork working together
- **Material comparisons:** timber, steel, concrete and composite across lifespan, maintenance and carbon impact
- **Sector applications**: residential, highways, commercial and local authority
- **Environmental considerations**: biodiversity net gain, circular economy and tree protection
- **UK regulatory framework**: planning permission, BREEAM, LEED and sector-specific standards

Why Birkdale?

40 years of fencing expertise, delivered by people who know the industry
Founded by a fencer, built around contractors and trusted by specifiers for over four decades, Birkdale occupies a unique position in the market — bridging the gap between designer intent and on-site reality. As a Carbon Neutral certified business committed to Net Zero by 2050, sustainability underpins everything we do. Our CPD reflects that: honest, practical and grounded in real project experience.

Book Your Session

Flexible delivery to suit your practice. The Birkdale RIBA CPD is available as an in-practice lunch-and-learn or online session, delivered by our experienced commercial projects team.

Contact us to book:

commercialprojects@birkdalesales.com

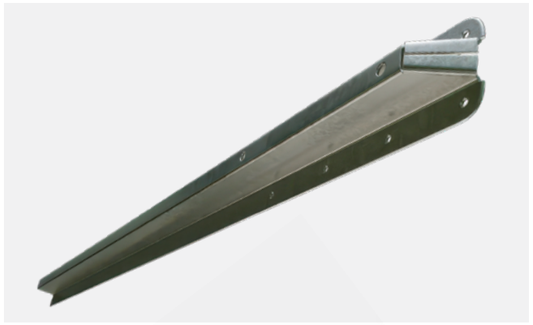
BIRKDALE COMMERCIAL ACCESSORIES PAGE

The core of our business is built on 40+ years of designing ironmongery and fencing accessories so we have everything you need to compliment your project such as heavy duty bolt downs, long throw locks, and gates, including our innovative site-adjustable gate system. Please speak to one of our experts for the finishing touches you need for your project.

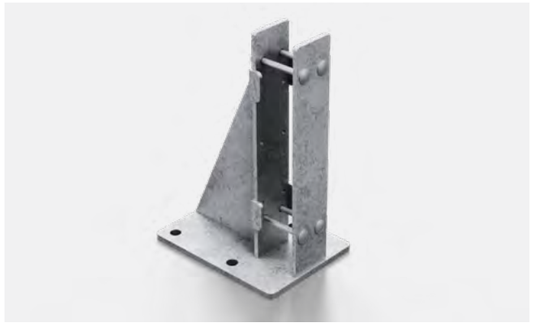
BIRKDALE Sleeper T-Post



FENCEMATE® Repair Spur



DuraPost® Commercial bolt-down



SITEMATE® Tools



Our full range can be seen here www.birkdalesales.com

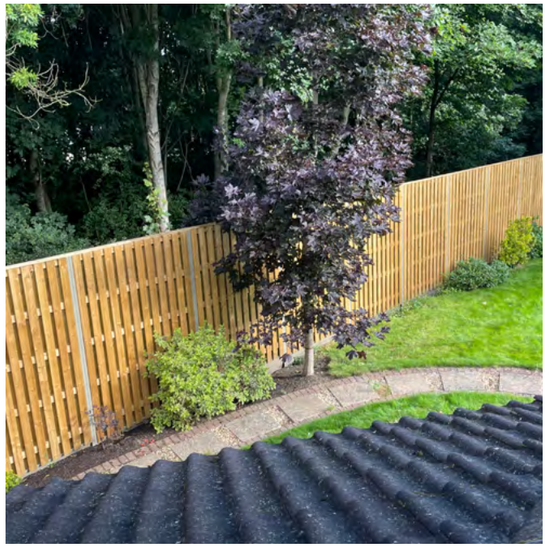
INSPIRATION













OUR PARTNERS

By partnering with Birkdale, you not only gain access to industry-leading products but also benefit from collaborative support, bespoke design, and a community dedicated to success.

Together, we build stronger foundations for the future.

Amey
Avant homes
bam
Barratt Homes
Bellway
Chesterfield Borough Council
Clarion Housing
ClwydAlyn
COLAS
Countryside Homes
Dorchester Living
Glenveagh
national highways
JJ Rhatigan Building Contractors
Keepmoat
L&Q
Livv housing group
MEARS
NetworkRail
Persimmon Together, we make your home
REDROW
Spitfire Homes
Taylor Wimpey
VINCI
Vistry Group
Williams Homes (Bala) Ltd



BIRKDALE

COMMERCIAL



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