



## Product Brochure

From waste to wonderful



25 Year  
Guarantee



Providing  
British Jobs



Responsible  
Use of Waste



Zero-  
Maintenance



Reduced  
Total-Life  
Costs



Split and  
Splinter Free



High UV  
Resistance



Vandal  
Resistant



Towel-Dries  
Instantly  
After Rain



Rot and Algae  
Proof



Insect Proof



Easily  
Disinfected

As part of our commitment to manage the resources that we use in our production, British Recycled Plastic operates a TAKE BACK SCHEME on any of our products that have served their useful life. All of our products are capable of being returned to us to be recycled and re-used as new British Recycled Plastic products to be enjoyed by future generations.



**Expert Human  
Support 5 Days  
a Week**



**British Waste  
Manufacturing**



**Inclusivity  
at our Core**



**Ethical  
Business**



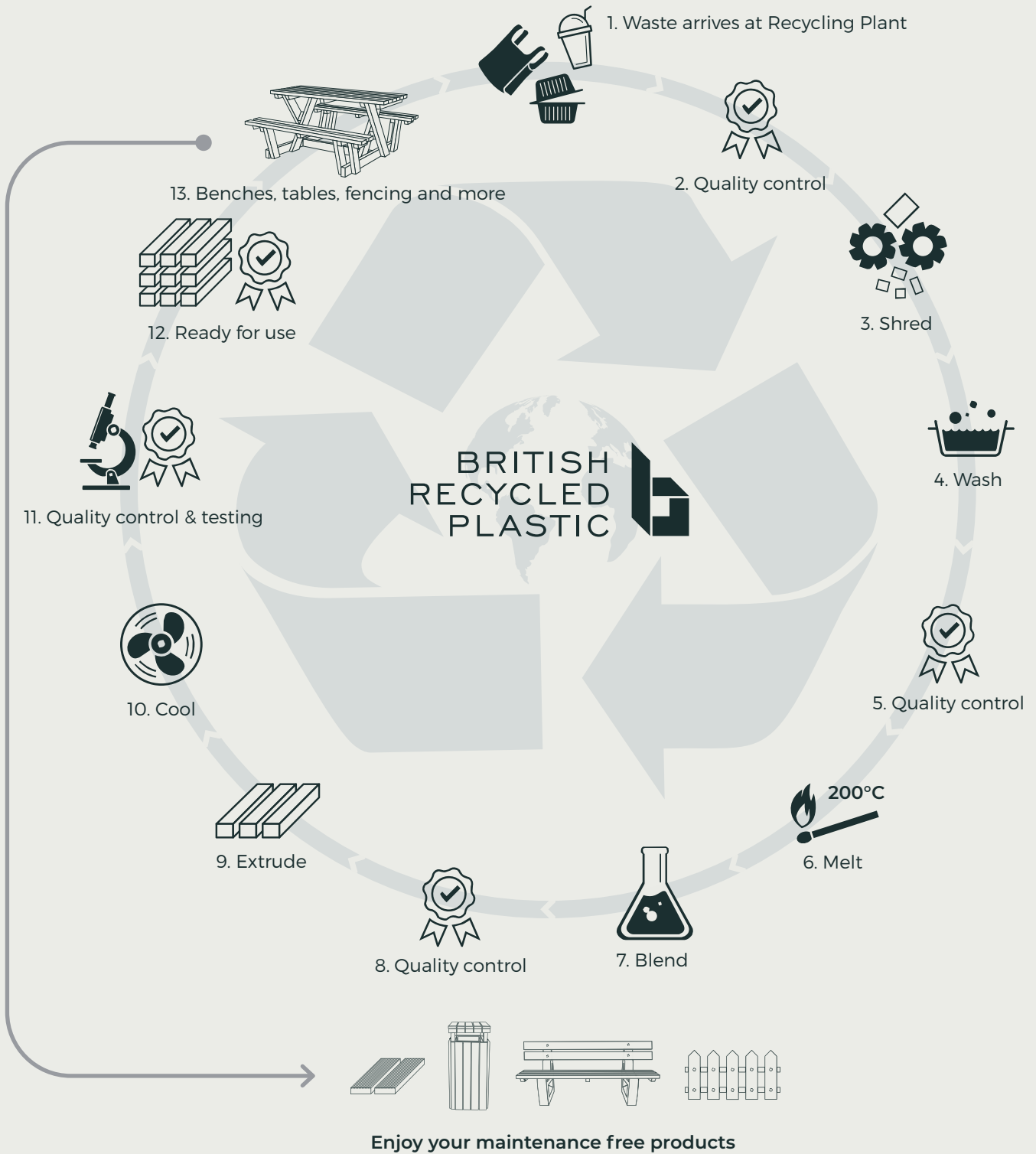
**Supporting a Low  
Carbon Economy**

# STENZCO

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# OUR PRODUCT STORY



Scan for more info



# MAKING WASTE WONDERFUL

## About Us:

Welcome to British Recycled Plastic, your partner in transforming waste into wonderful since 2008.

Nestled in the picturesque South Pennines of West Yorkshire, our journey began with a simple but powerful realisation: We couldn't ignore the growing impact of climate change and pollution – and we knew we had to act.

Our deep love for the planet fuels our unwavering commitment to safeguarding it. We are on a mission to promote sustainable practices and tackle the looming plastic waste crisis that has engulfed the UK by producing extremely durable, highly engineered best in-class products.

## Ethical Procurement:

We make procurement straightforward, helping you meet your ESG and Social Value goals – and giving you the carbon savings data to back it up.

## Our Values:

- ♥ **People First:** Our focus is always on our customers and their unique needs. We are committed to ensuring that everyone, regardless of their abilities, can enjoy the beauty of outdoor spaces.
- 🌱 **Sustainability:** Our mission is rooted in protecting the environment and fostering sustainability. By diverting thousands of tonnes of waste plastic from landfill, we champion circular practices - cutting CO2 emissions and paving the way for a greener future.
- ★ **Innovation:** We are committed to widening the market for recycled, environmentally-friendly alternatives to traditional materials. We believe in transformation—giving discarded single-use plastic a second life as something strong, useful, and built to last.



### Our Product Promise:

- 25 Year Guarantee
- Zero Maintenance
- Weather Resistant
- Reduced Total Lifecost
- Free Shipping on Most Products
- Carbon Saving Bundle Offers

## SECTORS

BRITISH  
RECYCLED  
PLASTIC 

 **Schools & Colleges**

 **Gardens & Horticultural**

 **Sports Clubs & Community Groups**

 **Parks & Open Spaces**

 **NHS & Government**

 **Urban Spaces**

 **Aquatic Environments**

 **Streets & Highways**



## INSTANT SAVINGS ON MULTIPLE ITEMS

Save on your outdoor furniture projects with our tiered discount system:

### 10% DISCOUNT

Automatically applied when you add any 2+ items to your website basket

### 20% DISCOUNT

Automatically applied when you add 4-5+ items to your website basket

(Exact threshold depends on palletisation requirements)



## HOW IT WORKS

-  Browse our range of quality recycled plastic furniture on our website
-  Add multiple items to your basket
-  See your savings instantly applied at checkout!
-  Enjoy FREE DELIVERY to UK Mainland on most products. (Exc; Highlands & Islands)

## PERFECT FOR:

-  Schools & Education
-  Parks & Public Spaces
-  Hospitality Venues
-  Commercial Properties
-  Domestic Gardens



Call our expert team  
for more info:  
**01422 419 555**

# ACCESSIBILITY PRODUCTS



British Recycled Plastic's accessible outdoor furniture is thoughtfully created to support a wide range of needs – making public spaces safer, easier, and more inclusive for everyone.

We're committed to ensuring that everyone, regardless of ability, can enjoy the beauty of the outdoors safely and comfortably.



## Picnic Tables

Our inclusive picnic table collection offers thoughtful design features to support a variety of mobility needs.

Our range includes cutaway and walkthrough designs with a choice of wheelchair spaces, backrest options, removable seats and larger tabletops.



## Benches

Our benches are thoughtfully crafted to assist users with reduced mobility and provide greater comfort and ease of use. Accessibility features include sloped backrests, multiple armrests, and extra height, reducing the distance between sitting and standing.



## Ground Reinforcement Grids

Our ground reinforcement grids are Part M compliant, offering a stable, accessible surface for wheelchair users or pushchairs on paths, driveways, and high-traffic areas. They create a firm, even surface with improved traction, reduce puddles and mud, and minimise maintenance, ensuring safe, consistent accessibility year-round.



## Decking + Boardwalks

Our recycled plastic decking creates smooth, stable, splinter-free surfaces that wheelchairs can roll over with ease. Unlike timber, it won't rot, warp, or get dangerously slippery – even when wet. There's no maintenance and no decay, just long-lasting, low-risk access for everyone.





## Raised Bed Kits


In addition to our standard 300mm high raised beds, our 600mm-high raised bed kit is designed to be worked from a seated position and is appropriate for wheelchair users. For those who need to work in a standing position, our 750mm-tall raised bed is the one to choose.



# PICNIC TABLES



-  Accessibility options available for inclusivity.
-  Available in a wide range of colours with custom combinations on request.

-  Mix and match tables, planters and benches to create your perfect environment.

-  25 year guarantee & zero maintenance.



## Denholme

Our classic A-frame picnic table comfortably seats four adults or six children & comes semi assembled.

As with all our tables it comes with a 25 year guarantee and requires zero maintenance.

Dimensions: 1525mm(L) x 1365mm(W) x 735mm(H)



## Calder

A stylish, circular picnic table which seats eight.

Also available with a wheelchair-accessible adaptation, or with backrests.

Dimensions: 182mm(L) x 182mm(W) x 725mm(H)



## Holmfirth

Our Junior A-frame, recommended for children up to eight years of age. If you're seating children from a wider age-range, we'd recommend the Denholme.

Dimensions: 1200mm(L) x 1150mm(W) x 640mm(H)



## Batley

Innovative X-frame design, allowing walkthrough access to seats. No need to swing your leg over the bench as you do with traditional picnic tables.

Dimensions: 1525mm(L) x 1475mm(W) x 700mm(H)



# PICNIC TABLES



 Split & splinter free.

 Towel dries instantly



## Bradshaw

A classic A-frame with “cutaway” wheelchair-access adaptation for a more inclusive arrangement than using extended tops.

Dimensions: 1525mm(L) x 1365mm(W) x 735mm(H)



## Brimham

The Brimham is a clever ‘Walkthrough’ design making it more accessible to various mobility users and it has a larger tabletop than our other tables. Removal of seats allows inclusive outdoor environments for wheelchair users

Dimensions: 2100mm(L) x 2100mm(W) x 1200mm(H)



## Wainsgate

The compact Wainsgate recycled plastic picnic table is the perfect choice when you need a little one-on-one time, or if you’ve limited space.

The clever ‘walkthrough’ design enhances accessibility for users with varying mobility needs, while removable seats and an extended table create an inclusive space for wheelchair users.

Dimensions: 1560mm(L) x 700mm(W) x 760mm(H)




## Otley


Our fabulous activity table, based on our classic A-frame. Large selection of gaming tops to choose from. Available in Standard and Junior (Junior is recommended for children up to eight years old).


Dimensions: 1525mm(L) x 1365mm(W) x 735mm(H)


# BENCHES



 Available in classic black or brown, or customisable in your team or corporate colours.

 Require no maintenance – install once and forget about them forever.

 Heavy design reduces the risk of theft and weather damage.

 Fixing kits available for both hard and soft ground.



## Harewood

This sleek, modern bench comfortably seats three adults and is a popular choice for parks, bowling greens, and cricket clubs.

Dimensions: 1800mm(L) x 600mm(W) x 456mm(H)



## Ilkley

A classic sloper bench, loved by parklands and councils. Delivered fully-assembled for your convenience.

Dimensions: 1700mm(L) x 640mm(W) x 900mm(H)



## Oakworth

Comfortably seats three adults. This backless bench features modern, moulded legs and a sleek, durable design – ideal for parkland, playgrounds, and other public outdoor spaces.

Dimensions: 1800mm(L) x 360mm(W) x 440mm(H)



## Skipton

A smart and modern backless bench with seat slats placed on edge to reduce the likelihood of sitting water. A great choice for poolsides and changing rooms.

Dimensions: 1800mm(L) x 360mm(W) x 450mm(H)



# BENCHES



- 🕒 25 year guarantee.
- 🔧 Zero maintenance.

- 💰 Reduced total life cost.
- ♻️ Responsible use of waste.



## Skipton Curve

A curved version of our popular Skipton bench. Great for setting around trees and centre pieces.

Dimensions: 1800mm(L) x 360mm(W) x 450mm(H)



## Buddy Bench

The Buddy Bench is a powerful tool for schools and communities to combat loneliness and promote inclusivity. It provides a safe and welcoming space for anyone feeling left out or needing a friend. When someone sits on the Buddy Bench, it signals to others that they're open to companionship and connection. Comfortably sits four children or three adults.

Dimensions: 1500(L) x 600mm(W) x 465mm(H)



## Calverley Hexagonal Tree Bench


Protect and enhance your trees and saplings with this stylish hexagonal bench. Perfect for schools, parks, and public spaces, it creates inviting shaded areas where people can relax while staying connected to nature. Comfortably seats 6 or 12 adults depending on diameter. Assembles easily from six bolt-together sections.


Dimensions: 800mm (H) x 600mm or 1200mm (Inner diameter)




# STEEL & PLASTIC BENCHES



 90% of UK steel is now recycled, making it the perfect partner to use with British Recycled Plastic.

 Zinc primed before powder coated for a stylish but extremely durable finish.

 Heavy - Duty Construction: Engineered for strength and stability, our benches can withstand heavy use.

 The standard colour scheme consists of black frames and brown slats but this can be customised to order.



## Shibden

Crafted from recycled plastic with a steel frame, our sleek, low-maintenance backless bench seats three adults comfortably. Supplied fully assembled with bottomless fixtures for added stability and fast, hassle-free installation.

Dimensions: 1800mm(L) x 570mm(W) x 450mm(H)



## Selby

Our sleek, low-maintenance bench seats three adults comfortably and comes with a backrest for added comfort. Supplied fully assembled with mounting points for hard surfaces on all four feet for and fast, hassle-free installation.

Dimensions: 1800mm(L) x 600mm(W) x 450mm(H)



## York

This bench seats three adults comfortably and includes a backrest for added comfort. Supplied fully assembled with mounting points on all four feet for secure installation on hard surfaces. Building on the design of the Selby, it also features armrests at either end to assist users when sitting or standing.

Dimensions: 1800mm(L) x 600mm(W) x 450mm(H)



## Loxley (Mobility)



Our Loxley bench seats three adults and includes a backrest and four sets of arms to assist with sitting or standing. The raised seat height (550mm) enhances accessibility. Supplied fully assembled with bottomless fixtures for added stability and quick installation.



Dimensions: 1800mm(L) x 600mm(W) x 550mm(H)



# RAISED BED KITS



-  Designed for ease of use and convenience.
-  Simple assembly with preassembled panels that only require bolting together.

-  Compact design allows each kit to fit on a single pallet space for easy transport.
-  Tail-lift compatible for ground delivery and suitable for smaller vehicles in limited-access areas.



Durable, sustainable, and low-maintenance, our raised beds are made from inert recycled plastic that won't rot or leach into soil. Available in various sizes for use from kneeling, sitting, or standing. Supplied with high quality, stainless steel fixings for added stability. 25 year guarantee & zero maintenance.

#### Standard Dimensions:

Lengths: 1000mm - 3500mm

Widths: 500mm and 1000mm

Heights: 300mm, 600, 750mm

**Custom sizes available.**



Call our expert team  
for more info:

**01422 419 555**





# COMPOSTERS



🌱 Composting made easy: feed your garden sustainably.

🏠 Our range of composters suits every garden, whether small urban spaces or large professional gardens.

☀️ Available in black to harness the sun's heat for faster decomposition.

🔧 25 year guarantee & zero maintenance.



## Redacre

Our easy-assembly composter, best suited to those who have only small amounts of waste to compost. Flat-packed with easy assembly

Dimensions:

900mm(L) x 900mm(W) x 800mm(H)



## Callis

A heavy duty composter - great for for allotments and professional gardeners. Available with single, double or triple bins. Lids can be supplied. Semi-assembled.

Dimensions:

Single: 800mm(L) x 800mm(W) x 800mm(H)

Double: 1600mm(L) x 800mm(W) x 800mm(H)

Triple: 2400mm(L) x 800mm(W) x 800mm(H)

Consider adding lids to our Callis Composters for pest protection and reduced food waste odours.



## Callis Compact

A slimline version of our popular Callis composter.

The perfect choice for urban gardens, or gardens with limited space. Sits alongside our 500mm-wide raised beds perfectly. Choose from single, double or triple bins with lids available separately. Semi-assembled

Dimensions:

Single: 500mm(L) x 500mm(W) x 900mm(H)

Double: 1000mm(L) x 500mm(W) x 900mm(H)

Triple: 1500mm(L) x 500mm(W) x 900mm(H)



# MARSDEN PLANTERS



Not to be confused with raised beds, our heavy-duty planters include bases and sills and are best thought of as street furniture, although our smaller, off-the-peg planters are perfect for gardens and forecourts, too.

Solid, sturdy, and built to last, our planters are ideal for zoning open spaces, directing foot traffic, or replacing bollards. They're also highly effective as smog shields at school gates when planted with carbon devouring species.

- Available in square, rectangular, and L-shaped formats.
- Custom sizes and designs available.
- Combine with lids and seating to build modular parklets.
- Delivered fully assembled and ready to plant.
- 25 year guarantee & zero maintenance.



Call our expert team  
for more info:

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# PARKLETS



Transform pavements, school entrances, pub gardens and other outdoor spaces into vibrant, green, and multifunctional areas. Made from our durable recycled plastic Marsden Planters, these modular units are flexible, long-lasting, and built for urban impact.



## Perfect For:

-  Creating seating zones
-  Enhancing pedestrian areas
-  Planting herb gardens or floral displays
-  Acting as heavy-duty, attractive pollution shields

## Key Benefits

-  **Boost Well-being & Community** – Calm, green spaces for people to relax, connect, and recharge.
-  **Support Biodiversity** – Attracts birds, bees, and pollinators to enrich urban ecosystems.
-  **Versatile & Customisable** – Add seating, green walls, bird feeders, or other features.
-  **Sustainable & Low Maintenance** – Made from recycled plastic that won't rot, splinter, or degrade.

## Getting Started:

-  Design your own layout using our square, rectangular, or L-shaped Marsden Planters, with optional lids to create clever seating arrangements.
-  Why not order our 'Mini Parklet Models' to test your designs and plan with ease whilst sat at your desk - just contact our friendly team to get started.



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Image Credit Leonard Design Architects



# PARKLETS CASE STUDY: NOTTINGHAM BUILDS A GREENER CITY

Working alongside Nottingham Business Improvement District (BID), we helped transform the city centre by introducing modular parklets into high-footfall areas. These parklets brought much-needed greenery, seating, and biodiversity into busy streets, creating welcoming spaces for people to relax and connect. As part of Nottingham's bold strategy to become carbon neutral by 2028, the project delivered real, visible change—reshaping the city into a greener, more sustainable, and people-friendly place.

## Project Highlights

- **Greening the City** – Introducing planters and natural elements through parklets added greenery and softened the urban environment.
- **Promoting Inclusivity** – Spaces were designed to be accessible and inviting for everyone, fostering interaction and improving well-being.
- **Championing Sustainability** – The parklets reduce the carbon footprint of urban infrastructure and directly support Nottingham's net-zero ambitions.
- **Boosting Biodiversity** – Green features provide micro-habitats for birds, insects, and pollinators, enhancing the city's ecosystem.
- **Aesthetic Revitalisation** – As part of the 'Moveable Feast' initiative, the parklets brought colour, nature, and functionality to key city locations—making Nottingham even more attractive for residents and visitors alike.

This project demonstrates how practical, creative solutions like parklets can bring Nottingham's vision of a greener, more connected city to life.

*Ready to green your city? Get in touch and let's bring your vision to life!*



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# GARDEN FURNITURE



 Perfect for home and commercial use.

 25 year guarantee & zero maintenance.

 From terrace furniture to space-saving sets, we have furniture for every space and style.

 Available in a range of colours.



## Roundhay

A classic terrace set featuring a round table and four chairs—perfect for outdoor dining. Also available as individual items. Supplied fully assembled with a parasol hole as standard.

Dimensions:

Table: 1200mm(L) x 1200mm(W) x 730mm(H)

Chairs: 350mm(L) x 650mm(W) x 390mm(H)



## Featherstone

Crafted from durable recycled plastic, this table comes fully assembled and is available in round or square designs, comfortably seating 4–6 people.

Optional: Parasol hole available on request.

Dimensions: 990mm(L) x 990mm(W) x 750mm(H)



## Birchcliffe

Our rectangular recycled plastic furniture set. Stylish, durable, and available in vibrant colours. Supplied fully assembled in two sizes (Small or Large) with seating for 4 (Standard) or 6 (Deluxe).

Optional: Parasol hole on request

Dimensions: 1500–1800mm(L) x 810mm(W) x 740mm(H)



## Queensbury

Perfect for small gardens, care homes, cafés, and hospitality settings. This sustainable, low-maintenance set is weatherproof and built to last.

Dimensions: 1525mm(L) x 1365mm(W) x 735mm(H)

Seat Width Options: 500mm (Small) or 580mm (Large)



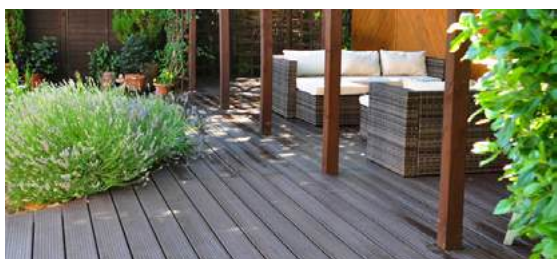
## Grassington

Our High Top Poseur Table and Stools Set table is perfect for bars, cafés, and outdoor communal spaces.

Available with: 4 round stools, 4 square stools, or a mix of 2 round and 2 square. Supplied fully assembled

Optional: Parasol hole on request.

Dimensions: 444mm(L) x 444mm(W) x 760mm(H)



## Decking

Smart, durable, and built to last, our zero-maintenance decking is perfect for both private and public gardens. Made from 100% British recycled plastic, it won't rot, split, or splinter like timber—and it's completely resistant to mould and algae. Available in: Black or Brown.

Optional: Cutting service available for a perfect fit.



# HEBDEN GRIDS



Looking for a durable and sustainable way to reinforce surfaces and prevent flooding? Our Hebden Ground Reinforcement Grids offer an affordable solution that ensures stability, reduces surface water, and supports sustainable drainage (SUDS). Perfect for car parks, access roads, laybys, pathways, and more, these permeable paving grids provide a safe and environmentally friendly alternative to traditional paving. Available in 2 varieties we have grids to meet both domestic and commercial needs.

## Benefits:

-  **Increased drainage potential** – SUDS-approved
-  **Suitable for almost all UK roadgoing vehicles** – DIN 1072-compliant
-  **Wheelchair-friendly** – Part M-approved
-  **Weather resistant from -50C to 90C & UV stable**
-  **Easy to install** – lay 100m<sup>2</sup> in one hour
-  **Low maintenance** – Fill with gravel or topsoil + grass seed, for a turfed finish.

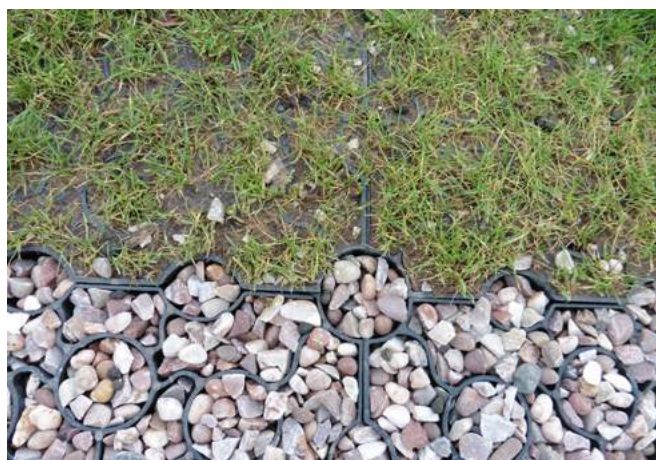
## Which Hebden Grid do I Need?

**The Hebden Everyday Grid:** Provides ample strength for general, non-commercial vehicle use when installed on a proper sub-base. With a 250–350 tonnes/m<sup>2</sup> load capacity, it is perfect for car parking, overspill areas, golf buggy paths, and permeable pathways. Minimum order quantity: 56 sqm.

**The Hebden X-Grid:** Its robust design makes it the top choice for areas with regular commercial traffic. With a 420 tonnes/m<sup>2</sup> loading capacity and DIN 1072 compliance, it is ideal for roads and footbridges. Minimum order quantity: 6 sqm.



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# LUMBER PLANKS & POSTS



Available in the following colours:



Our wide range of recycled plastic lumber is built to last – it won't rot, split, or splinter, and requires no maintenance. Backed by a 25-year guarantee, it's easy to work with using standard tools and is perfect for constructing everything from fences and platforms to decking, boardwalks, and pontoons. Please view our wide range of recycled plastic lumber profiles from page 32.

-  **Versatile Applications** – Ideal for gardens, wetlands, refurbishments, furniture and more
-  **Easy to Work With** – Similar to hardwood; works with standard tools.
-  **Available in a range of colours and profiles:** Square and Rectangular Lumber, Decking, Boardwalks, Fencing
-  **Durable & Long-Lasting** – 25-year guarantee; won't rot, split, or splinter like timber.
-  **Zero Maintenance** – No painting, treating, or replacement required—reduces total-life costs.
-  **Weatherproof & Chemically Inert** – Resists moisture, mould, algae, and UV fading.
-  **Eco-Friendly** – Used by the Environment Agency in SSSIs; safe for sensitive environments.
-  **Fully costed quotes available** – simply send in your cutting list



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# RECYCLED PLASTIC LUMBER CASE STUDIES:

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## Slipper Bridge Angling Club - Gilberdyke

### Problem:

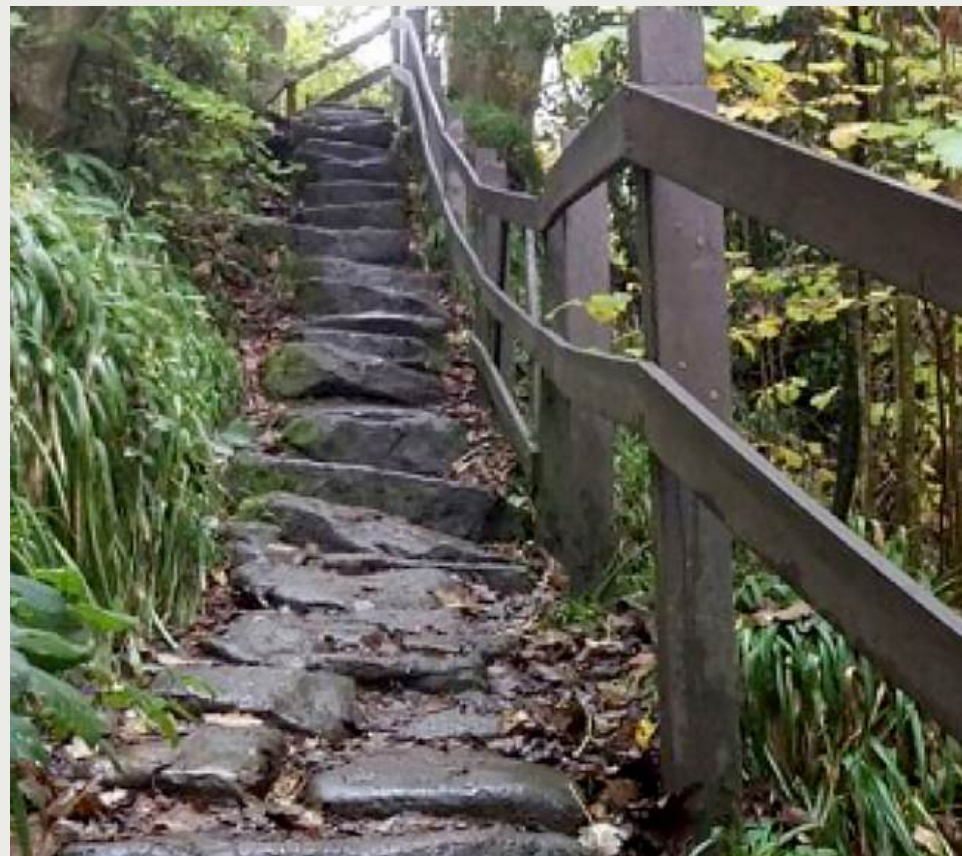
Deteriorating wooden fishing platforms posed safety and maintenance issues.

### Solution:

Replaced with our durable, non-slip recycled plastic lumber—offering a long-lasting, low-maintenance alternative.

### Impact:

Member Andy Eccles praised the solid, slip-resistant surface and long-term reliability, ensuring safe, sturdy platforms for years to come.



## Case Study: National Trust – Hardcastle Craggs Fencing

### Challenge:

The National Trust, committed to sustainability, are tasked with maintaining historic properties and landscapes. They needed durable, low-maintenance alternatives to timber for preserving historic landscapes like Hardcastle Craggs.

### Solution:

They chose British Recycled Plastic's Post and Rail – 2 Rail System to replace traditional wooden railings and signposts.

### Impact:

The recycled plastic lumber offers long-term durability with no ongoing maintenance, supporting the Trust's commitment to sustainability while protecting natural and heritage sites.



# DECKING



Available in the following colours:



Our durable, zero-maintenance alternative to timber and composite decking—highly slip-resistant and perfect for boardwalks, fishing platforms, dipping platforms, gardens and more. Our decking comes with a 25 year guarantee and requires zero maintenance. Please view our range of profiles from page 32.

- ⌘ Won't degrade over time (unlike composite decking) and comes with a 25 year guarantee
- 💧 Won't rot, crumble, absorb moisture, or support mould and algae
- 🛡️ Safe surface — our slip resistant surface removes the need for wire mesh

## Inclusive by design

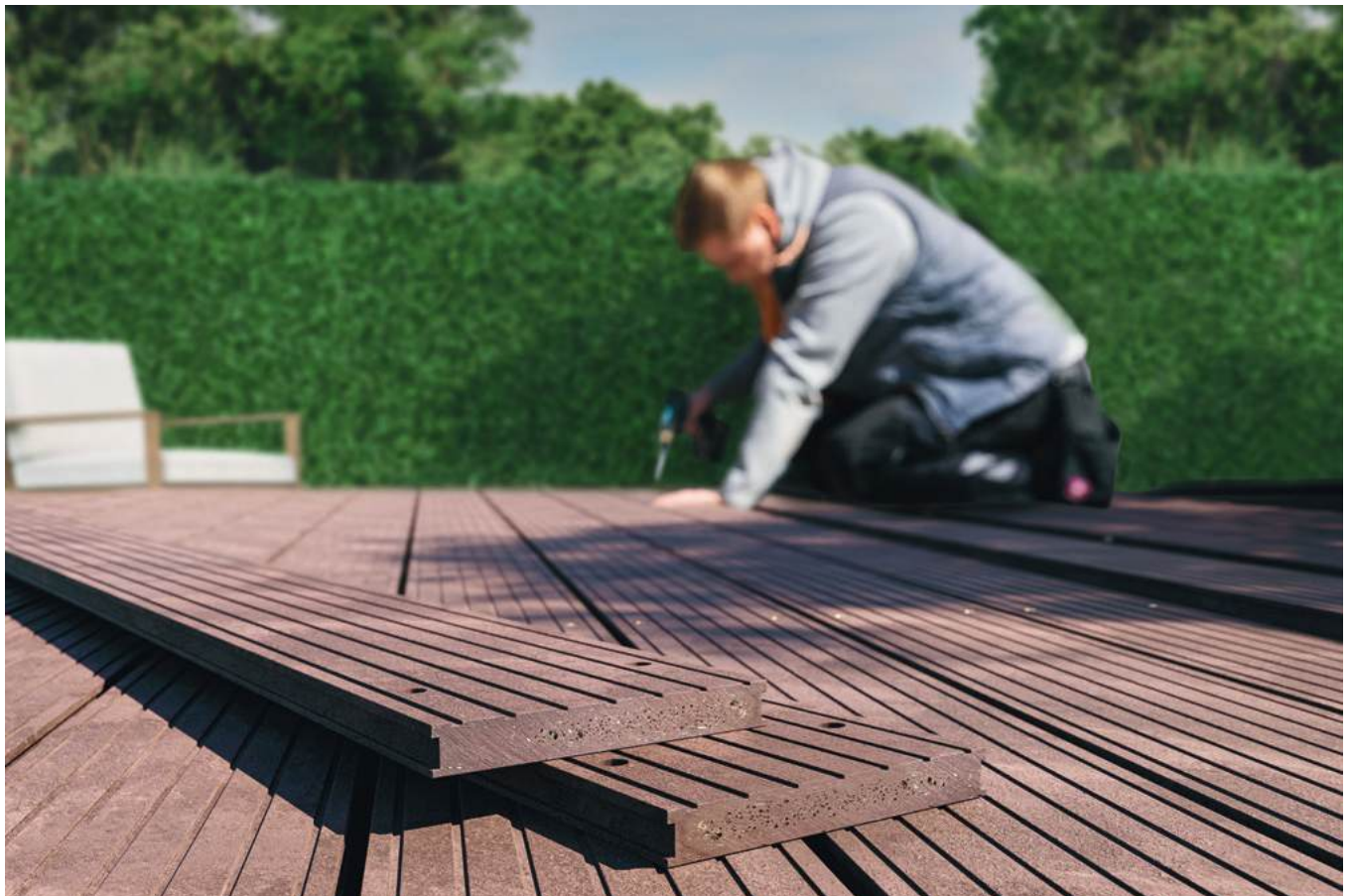
We've partnered with BDAA to create wheelchair-accessible fishing platforms, ensuring everyone can enjoy the outdoors safely.

## Budget-conscious?

Use recycled plastic for the substructure and top with timber or composite decking. The subframe is the most vulnerable part—our material eliminates future maintenance worries.

## Building elevated structures?

We recommend using uprights and 50x100 or 50x120 joists depending on height.











# BOARDWALKS & PLATFORMS



Available in the following colours:



-  Specifically designed for boardwalks, fishing, and dipping platforms
-  Zero-maintenance, long-lasting, and environmentally friendly
-  Won't absorb moisture or support mould and algae
-  Naturally slip-resistant – no need for wire mesh
-  Designed in collaboration with BDAA to create wheelchair-accessible fishing platforms
-  Available with or without handrails to suit your project needs

Please view our wide range of profiles from page 32.



## Plan Your Boardwalk Project with Ease

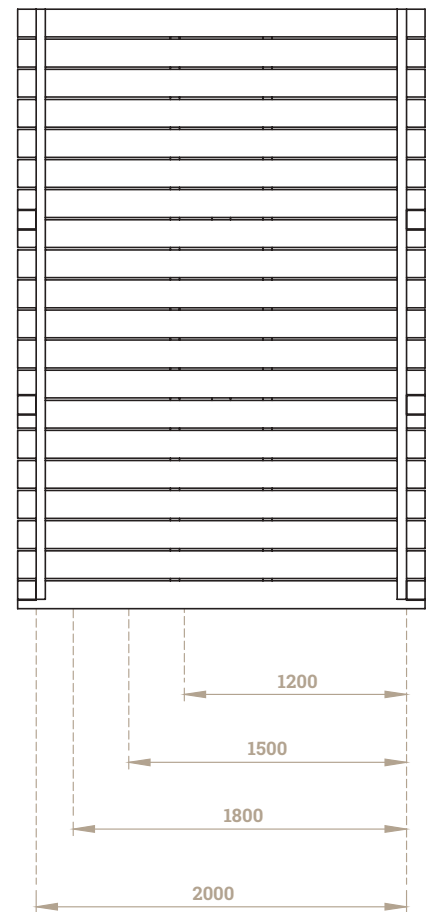
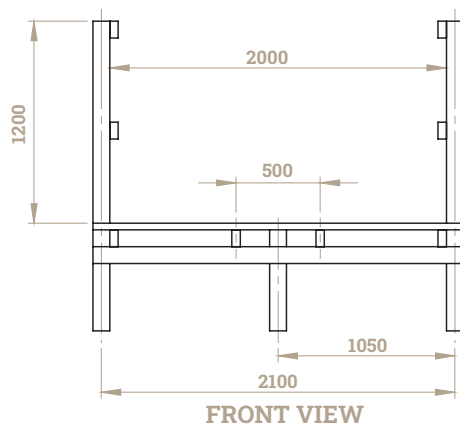
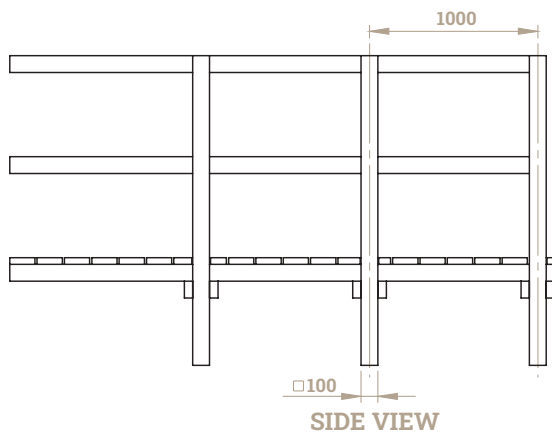
Use our online calculator to quickly estimate the materials needed for your boardwalk project.

Need visual design specs? Download our SketchUp files to integrate seamlessly into your plans.

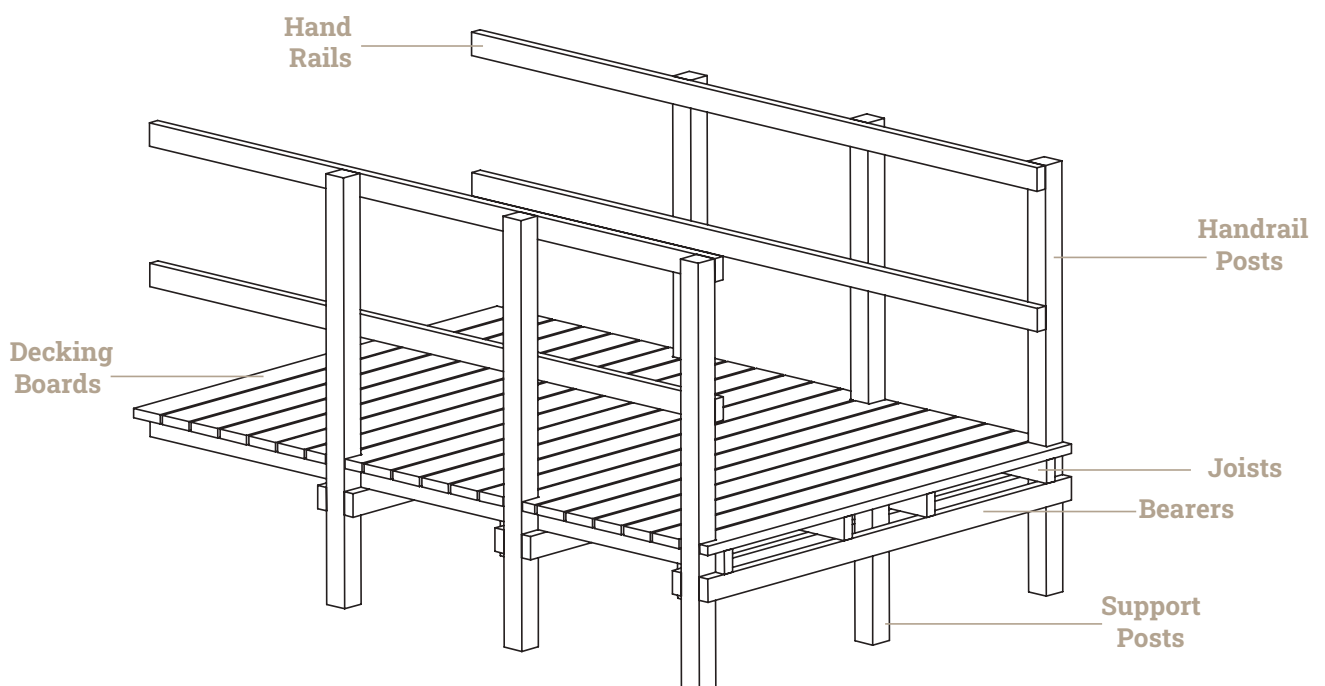




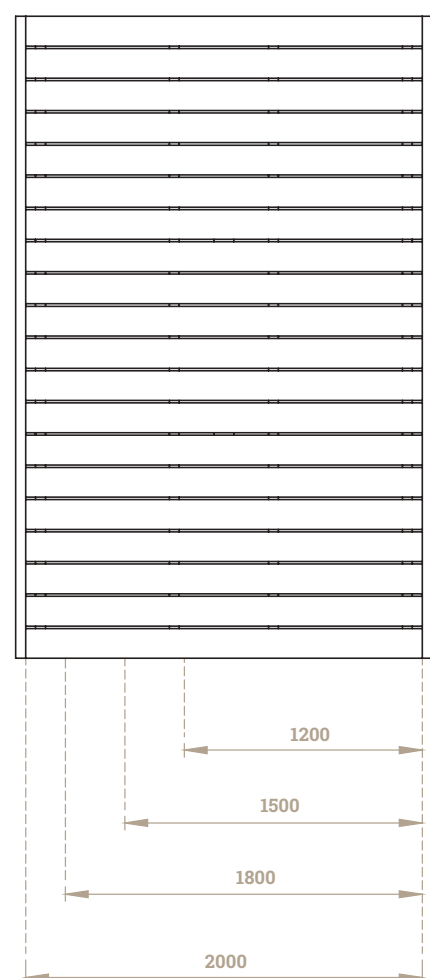
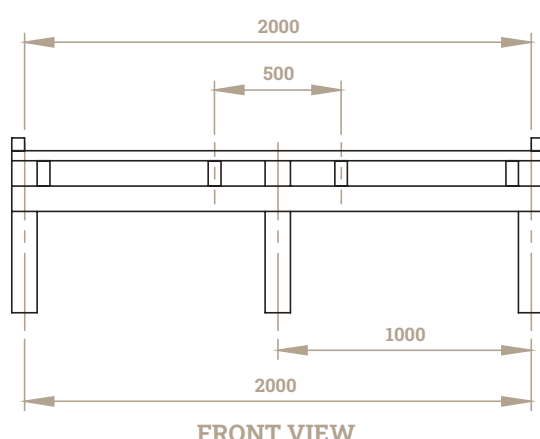
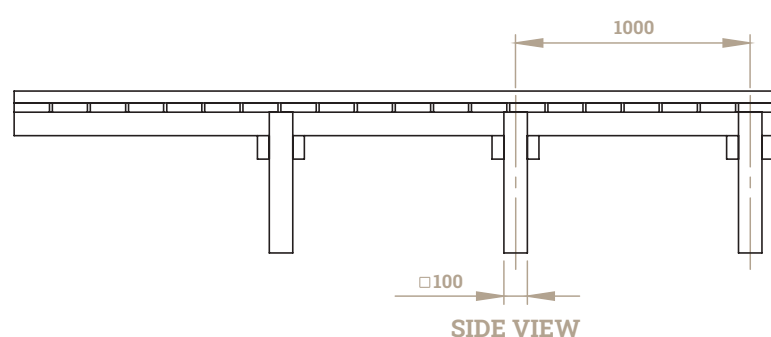
# BOARDWALK WITH HANDRAIL



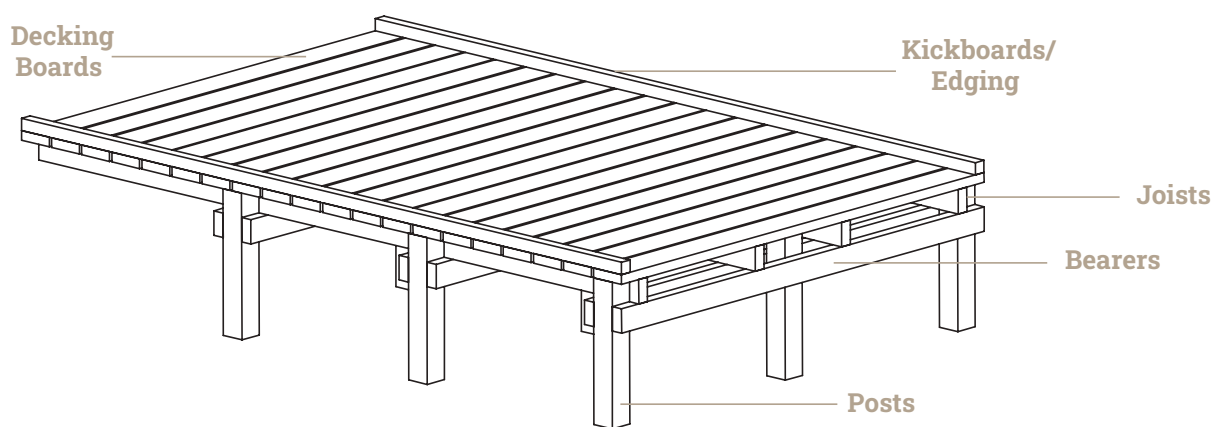
Available in four different widths



# BOARDWALK WITHOUT HANDRAIL



Available in four different widths





# FENCING



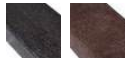
Wide range of options available including birdsmouth, post and rail, picket pale, post and rail fencing in a range of colours and sizes

☂ Durable – Resists rot, warping, and harsh weather for decades. 25 year Guarantee

✂ Low Maintenance – No painting, sanding, or staining—just an occasional wash.

♻ Sustainable – Made from recycled materials, reducing carbon footprint and conserving resources.

Available in the following colours:



✓ Easy to Install – Designed for quick, hassle-free setup.

💰 Cost-Effective – Long lifespan and minimal upkeep deliver excellent long-term value.

📄 Need visual design specs? Download our SketchUp files to integrate seamlessly into your plans

Please view our wide range of profiles from page 32.

## Picket Pale

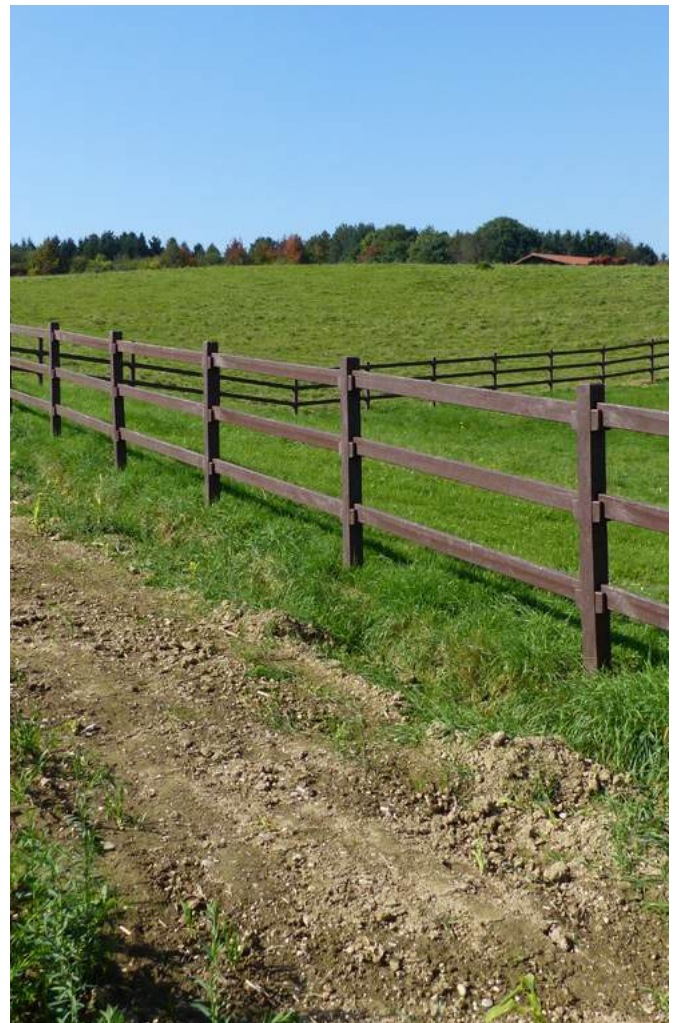
Picket pales can be used in conjunction with either the face fixed or mortised post and rail type of structure. This traditional pale cottage fence is equally suitable for low-level boundary fencing or six foot privacy screen. Our picket pales are available pointed, round or flat top.



## Post and Rail Screen

This flexible design will allow you to create a privacy screen with components and bracing configurations matching your requirements.

It can be fabricated with or without gaps between rails, suitable for garden screen, bin covers or just ordinary boundary fencing.

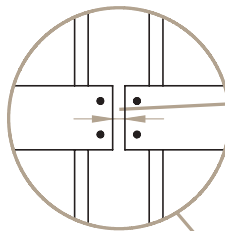


# FENCING



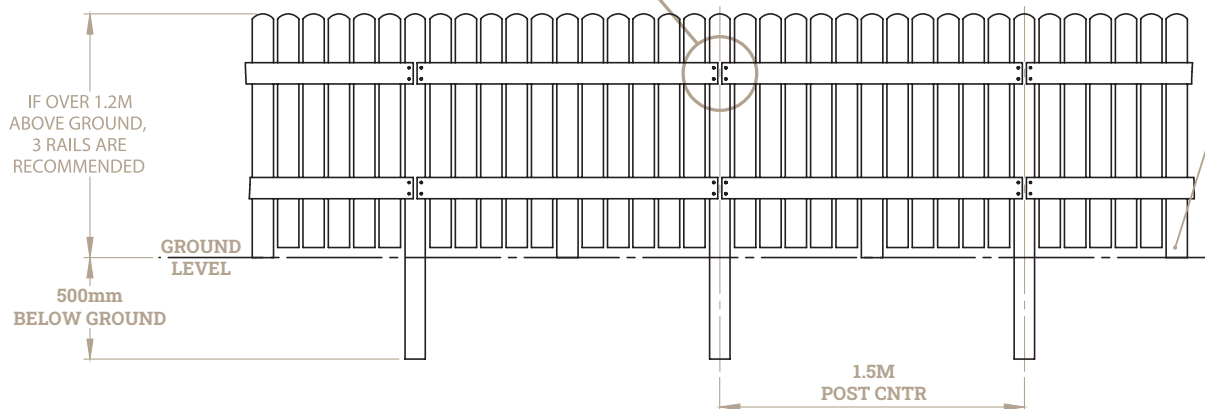
CAN HAVE DOME OR FLAT TOP PALE

DRILL HOLES SHOULD BE SLIGHTLY  
OVERSIZED BY 3mm TO ACCEPT SCREWS  
OR, AS AN ALTERNATIVE INSERT A 10mm  
SLOT WHICH WILL ALLOW MOVEMENT  
IN THE FENCING. FULLY TIGHTEN ALL  
SCREWS AND THEN BACK TURN SCREWS  
HALF A TURN ANTI-CLOCKWISE



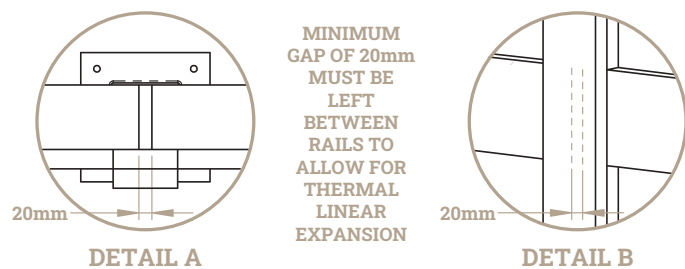
MINIMUM GAP OF 20mm  
MUST BE LEFT BETWEEN  
RAILS TO ALLOW FOR  
THERMAL LINEAR EXPANSION

IT IS RECOMMENDED THAT  
THE MIDDLE PALE OF THE  
PANEL RUN SHOULD BE  
LONGER AND TOUCH THE  
GROUND. THIS WILL  
PROVIDE ADDITIONAL  
SUPPORT TO THE PANEL

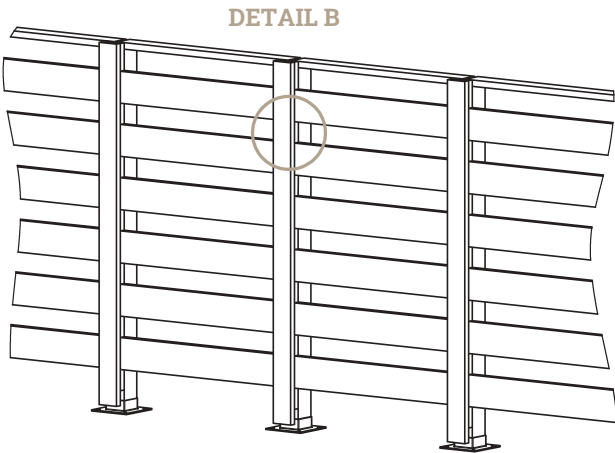
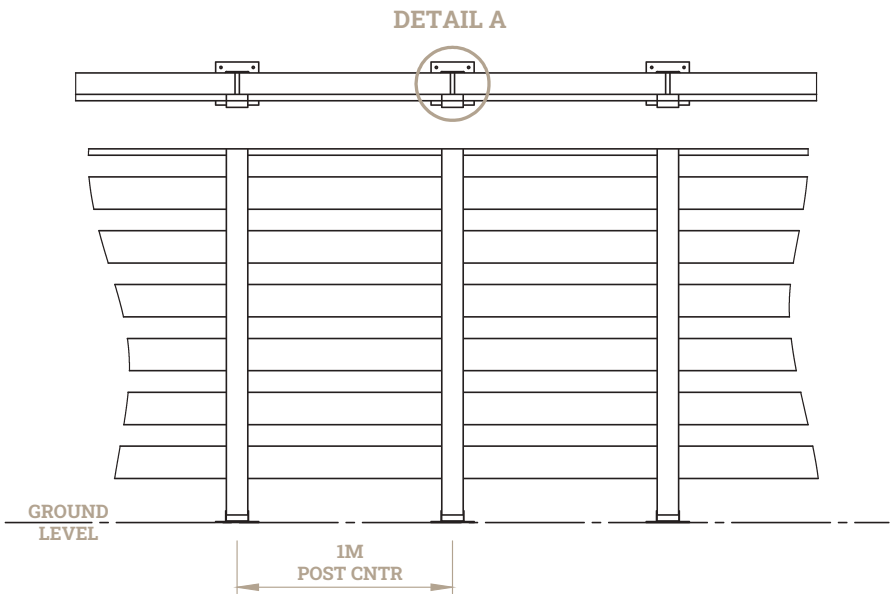




# FENCING



DRILL HOLES SHOULD BE SLIGHTLY OVERSIZED BY 3mm TO ACCEPT SCREWS OR, AS AN ALTERNATIVE INSERT A 10mm SLOT WHICH WILL ALLOW MOVEMENT IN THE FENCING. FULLY TIGHTEN ALL SCREWS AND THEN BACK TURN SCREWS HALF A TURN ANTI-CLOCKWISE



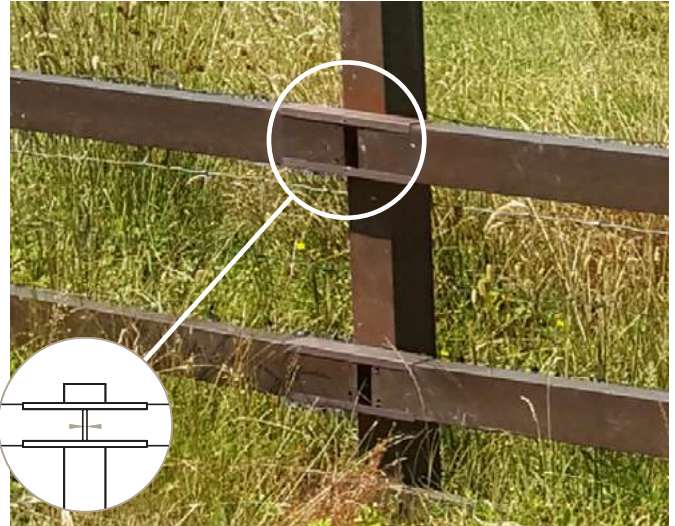
POSTS CAN BE ANCHORED TO THE GROUND USING THE SAME METHOD AS TIMBER AND STEEL POSTS, BY CONCRETING, HAMMERED MECHANICALLY OR SURFACE FIXED.

# FENCING

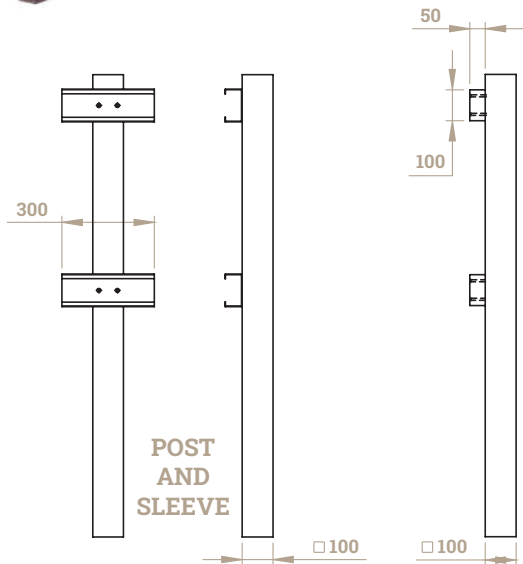


## Post and Rail - 2 Rail System

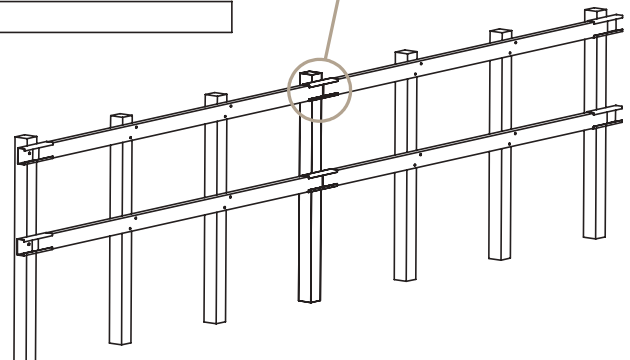
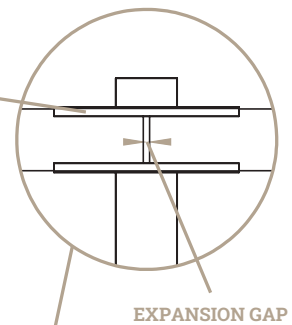
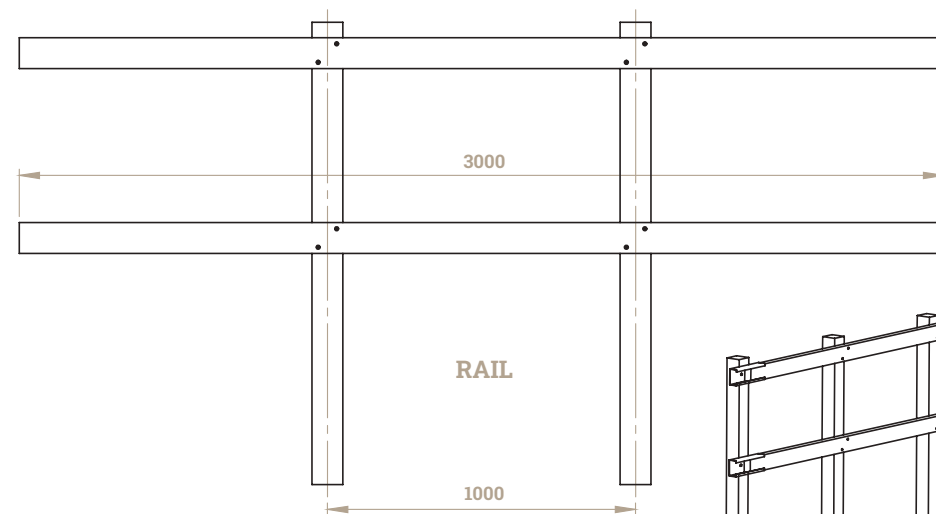
British Recycled Plastic post and rail is an iconic sight in the British landscape, it is attractive, functional and durable. Often used for paddock fencing and roadside fencing, post and rail is a cost-effective option. British Recycled Plastic is rustic looking yet maintenance free.



Posts can be anchored to the ground using the same method as timber and steel posts, by concreting, hammered mechanically or surface fixed.



GALVANISED SLEEVE FOR RAIL JOINTS (POWDER COATED)





# FENCING

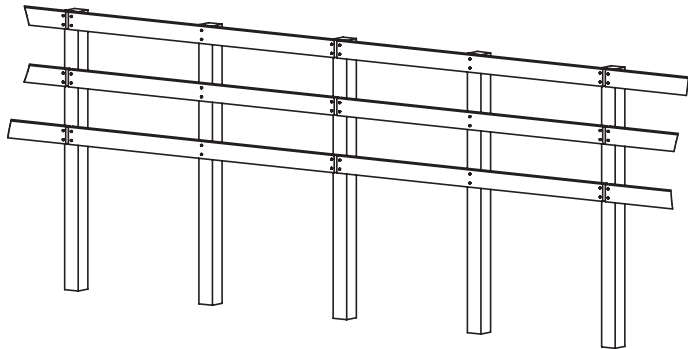


## Post and Rail - 3 Rail System

Available in the following colours:

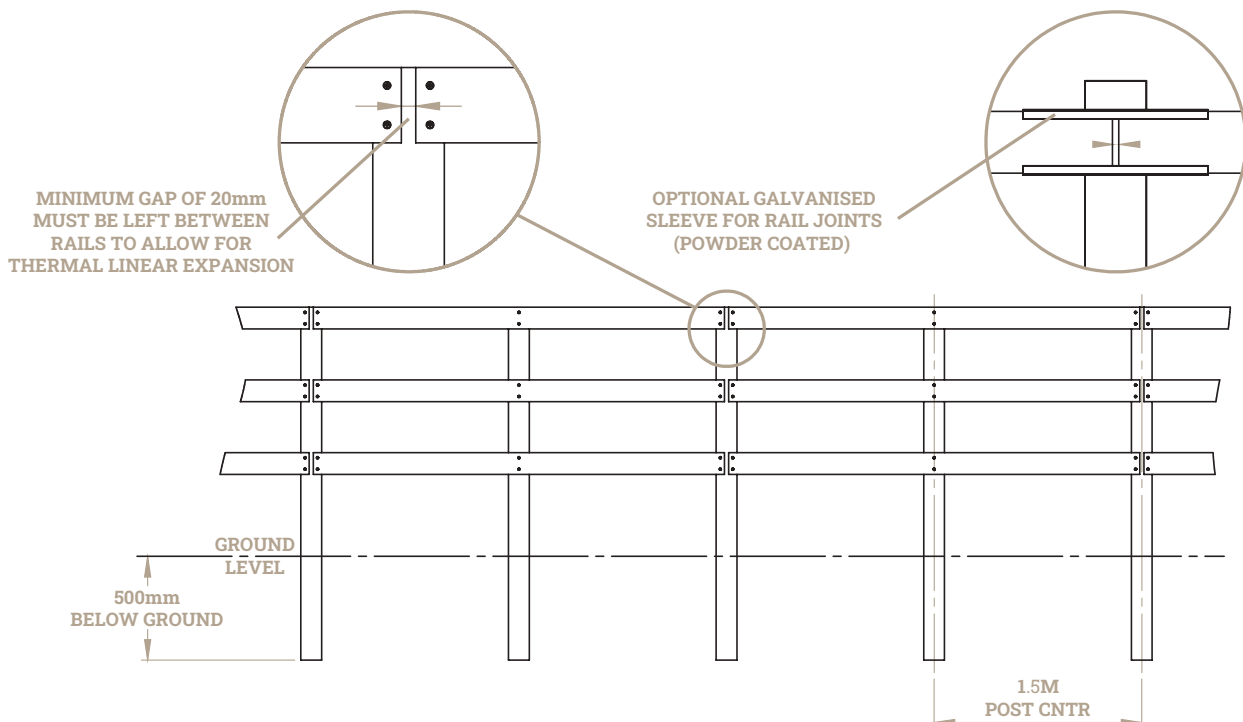


British Recycled Plastic post and rail fencing design can be installed with two, three or more rails depending on requirements. Rails can be face fixed with screws/bolts or joined by means of mortise and tenon.



Posts can be anchored to the ground using the same method as timber and steel posts, by concreting, hammered mechanically or surface fixed.

DRILL HOLES SHOULD BE SLIGHTLY OVERSIZED BY 3mm TO ACCEPT SCREWS OR, AS AN ALTERNATIVE INSERT A 10mm SLOT WHICH WILL ALLOW MOVEMENT IN THE FENCING. FULLY TIGHTEN ALL SCREWS AND THEN BACK TURN SCREWS HALF A TURN ANTI-CLOCKWISE

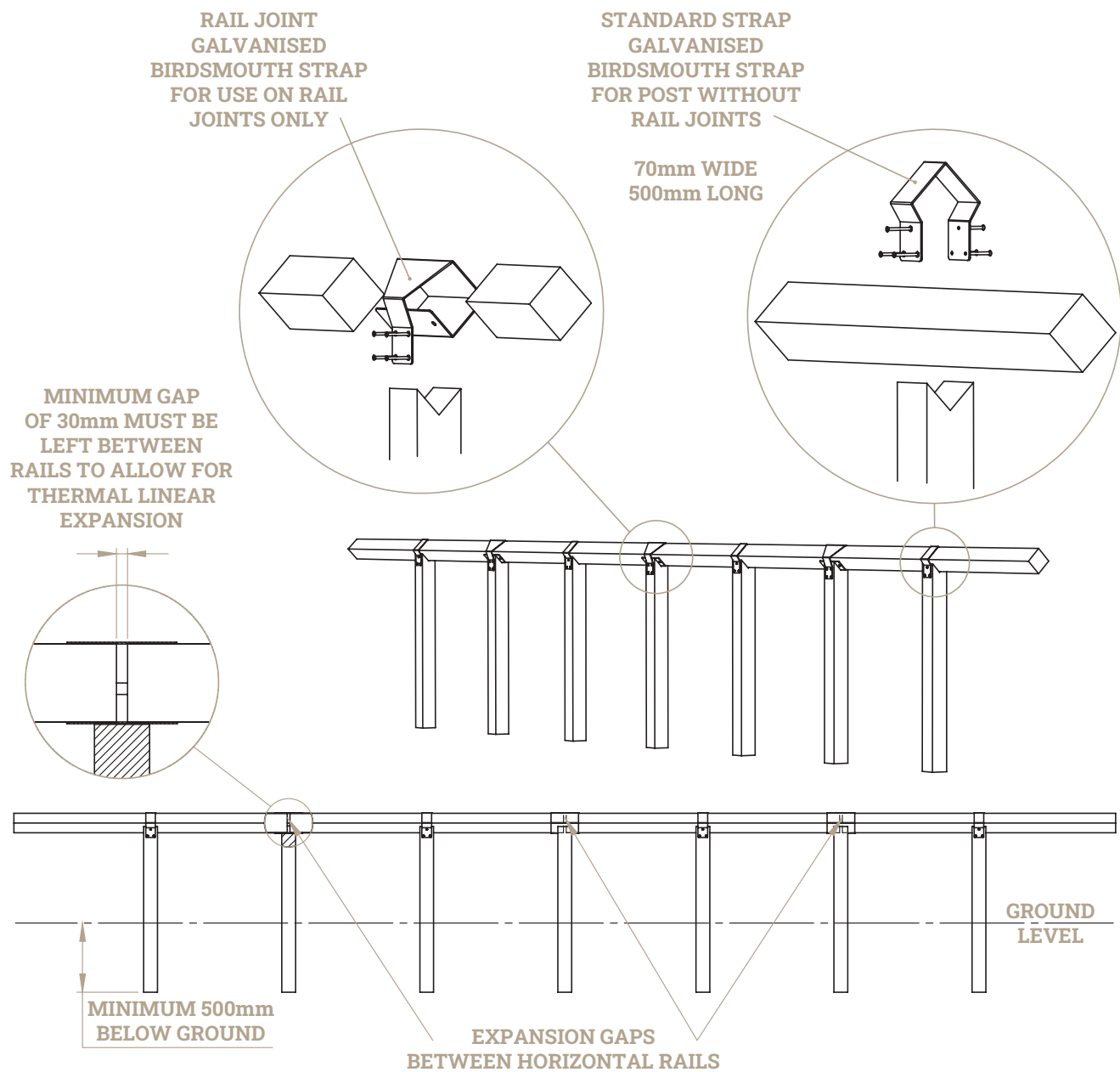


# FENCING



## Birdsmouth

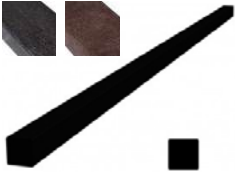
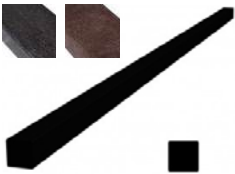
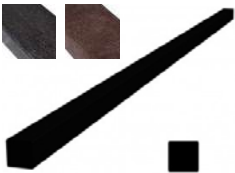
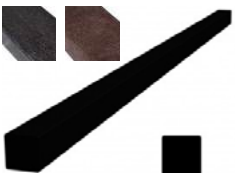


British Recycled Plastic birdsmouth fencing (also referred to as knee rail fencing) creates an attractive, strong and durable boundary, it is particularly popular for use around car parks, play areas and parks.












# RECYCLED PLASTIC LUMBER

## Square Profile

	Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
	Profile: Square Dimensions: 50mm x 50mm x 3000mm Colour: Black, Brown	H013 Blk	190	6.5	0.45
		H013 Brn	190	6.5	0.45
	Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
	Profile: Square Dimensions: 62mm x 62mm x 2100mm Colour: Black, Brown	H014 Blk	150	8	0.56
		H014 Brn	150	8	0.56
	Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
	Profile: Square Dimensions: 80mm x 80mm x 3000mm Colour: Black, Brown	H015 Blk	72	18.5	1.3
		H015 Brn	72	18.5	1.3
	Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
	Profile: Square Dimensions: 100mm x 100mm x 1500mm Colour: Black, Brown	H016 Blk Short	50	14.3	1
		H016 Brn Short	50	14.3	1
	Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
	Profile: Square Dimensions: 100mm x 100mm x 1750mm Colour: Black, Brown	H016 Blk Medium	50	16.6	1.16
		H016 Brn Medium	50	16.6	1.16
	Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
	Profile: Square Dimensions: 100mm x 100mm x 3000mm Colour: Black, Brown	H016 Blk Long	50	28.5	1.16
		H016 Brn Long	50	28.5	1.16








# RECYCLED PLASTIC LUMBER

## Board Profile

	Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
	Profile: Rectangle Dimensions: 19mm x 140mm x 2500mm Colour: Black, Brown	H001 Blk	150	6	0.42
		H001 Brn	150	6	0.42
	Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
	Profile: Rectangle Dimensions: 25mm x 75mm x 3000mm Colour: Black, Brown	H002 Blk	195	6	0.42
		H002 Brn	195	6	0.42
	Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
	Profile: Rectangle Dimensions: 25mm x 150mm x 3000mm Colour: Black, Brown	H003 Blk	90	10.7	0.75
		H003 Brn	90	10.7	0.75
	Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
	Profile: Rectangle Dimensions: 30mm x 150mm x 3000mm Colour: Black, Brown	H004 Blk	90	11	0.77
		H004 Brn	90	11	0.77
	Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
	Profile: Rectangle Dimensions: 38mm x 90mm x 2500mm Colour: Black, Brown	H005 Blk	150	8.4	0.59
		H005 Brn	150	8.4	0.59
	Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
	Profile: Rectangle Dimensions: 38mm x 90mm x 3600mm Colour: Black, Brown	H005 Blk Long	110	12.6	0.88
		H005 Brn Long	110	12.6	0.88
	Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
	Profile: Rectangle Dimensions: 35mm x 100mm x 3600mm Colour: Black, Brown	H006 Blk	80	11.9	0.83
		H006 Brn	80	11.9	0.83



# RECYCLED PLASTIC LUMBER

	Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
	Profile: Rectangle Dimensions: 38mm x 140mm x 2440mm Colour: Black, Brown	H007 Blk	75	12	0.84
	Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
	Profile: Rectangle Dimensions: 50mm x 75mm x 2500mm Colour: Black, Brown	H008 Blk	130	8	0.56
	Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
	Profile: Rectangle Dimensions: 50mm x 100mm x 3000mm Colour: Black, Brown	H009 Blk	60	14.3	1
	Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
	Profile: Rectangle Dimensions: 50mm x 100mm x 3600mm Colour: Black, Brown	H009 Blk	60	16	1.12
	Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
	Profile: Rectangle Dimensions: 50mm x 125mm x 3000mm Colour: Black, Brown	H010 Blk	56	17.8	1.25
	Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
	Profile: Rectangle Dimensions: 50mm x 150mm x 3000mm Colour: Black, Brown	H011 Blk	60	21.4	1.5
	Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
	Profile: Rectangle Dimensions: 60mm x 100mm x 3000mm Colour: Black, Brown	H012 Blk	60	17.1	1.2

# RECYCLED PLASTIC LUMBER

## Board Profile - Tongue and Groove



Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
Profile: T&G Dimensions: 28mm x 147mm x 3600mm Colour: Black, Brown	H017 Blk	98	12.4	0.87
	H017 Brn	98	12.4	0.87



Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
Profile: T&G Dimensions: 34mm x 147mm x 960mm Colour: Black, Brown	H018 Blk Short	200	4.1	0.29
	H018 Brn Short	200	4.1	0.29



Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
Profile: T&G Dimensions: 34mm x 147mm x 1220mm Colour: Black, Brown	H018 Blk Medium	175	5.2	0.36
	H018 Brn Medium	175	5.2	0.36



Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
Profile: T&G Dimensions: 34mm x 147mm x 2600mm Colour: Black, Brown	H018 Blk Long	77	11	0.77
	H018 Brn Long	77	11	0.77



Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
Profile: T&G Dimensions: 34mm x 147mm x 3050mm Colour: Black, Brown	H018 Blk XL	77	12.8	0.9
	H018 Brn XL	77	12.8	0.9

## Square Post, Pyramid Top



Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
Profile: Pyramid Post Dimensions: 80mm x 80mm x 1250mm Colour: Black	H019 Blk Short	100	7.2	0.5
	-	-	-	-



Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
Profile: Pyramid Post Dimensions: 80mm x 80mm x 1500mm Colour: Black	H019 Blk Medium	100	10.1	0.71
	-	-	-	-



## Square Post, Without Point



Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
Profile: Post Dimensions: 90mm x 90mm x 3050mm Colour: Black, Brown	H020 Blk	54	21	1.47
	H020 Brn	54	21	1.47



Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
Profile: Pale Dimensions: 25mm x 100mm x 900mm Colour: Black, Brown	H021 Blk Short	240	2.1	0.15
	H021 Brn Short	240	2.1	0.15

## Pale with Rounded Head



Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
Profile: Pale Dimensions: 25mm x 100mm x 1200mm Colour: Black, Brown	H021 Blk Medium	150	2.9	0.2
	H021 Brn Medium	150	2.9	0.2



Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
Profile: Pale Dimensions: 25mm x 100mm x 1800mm Colour: Black, Brown	H021 Blk Long	150	4.3	0.3
	H021 Brn Long	150	4.3	0.3



Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
Profile: Pale Dimensions: 25mm x 100mm x 3000mm Colour: Black, Brown	H021 Blk XL	240	2.1	0.15
	H021 Brn XL	240	2.1	0.15

## Fence Post



Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
Profile: Fence Post Dimensions: 100mm x 100mm x 1500mm Colour: Black, Brown	H024 Blk Short	50	14.3	1
	H024 Brn Short	50	14.3	1



Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
Profile: Fence Post Dimensions: 100mm x 100mm x 1750mm Colour: Black, Brown	H024 Blk Medium	50	16.6	1.16
	H024 Brn Medium	50	16.6	1.16



Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
Profile: Fence Post Dimensions: 100mm x 100mm x 3000mm Colour: Black, Brown	H024 Blk Long	50	28.5	2
	H024 Brn Long	50	28.5	2



Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
Profile: Fence Post w/point Dimensions: 100mm x 100mm x 1500mm Colour: Black, Brown	H025 Blk Short	50	15.5	1.08
	H025 Brn Short	50	15.5	1.08



Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
Profile: Fence Post w/point Dimensions: 100mm x 100mm x 1750mm Colour: Black, Brown	H025 Blk Medium	50	18.1	1.27
	H025 Brn Medium	50	18.1	1.27

## Barrier



Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
Profile: Support post with V-shaped head Dimensions: 100mm x 100mm x 1250mm Colour: Black, Brown	H025 Blk V	50	12	0.84
	H025 Brn V	50	12	0.84



Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
Profile: Support post with V-shaped head Dimensions: 100mm x 140mm x 1500mm Colour: Black, Brown	H030 Blk V	35	14.2	0.99
	H030 Brn V	35	14.2	0.99



Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
Profile: Barrier fence strap Dimensions: Standard 75mm Steel	H028 Bird Standard	1		

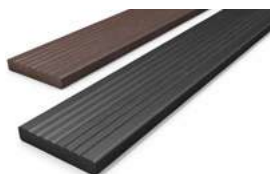


Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
Profile: Barrier fence strap Dimensions: Standard 75mm Classic	H028 Bird Classic	1		

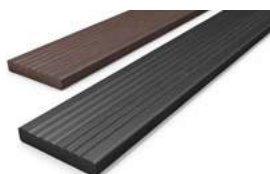


Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
Profile: Barrier fence strap Dimensions: Heavy 90mm Steel	H028 Bird Heavy	1		

## Decking



Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
Profile: Decking Dimensions: 38mm x 150mm x 3600mm Colour: Black, Brown	H031 Blk	60	19.5	1.36
	H031 Brn	60	19.5	1.36



Lumber Profile	Item Codes	Palletisation	Weight (Kg)	Embodied Carbon (kg)
Profile: Decking Dimensions: 27mm x 150mm x 3600mm Colour: Black, Brown	H032 Blk	60	13	0.91
	H032 Brn	60	13	0.91



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# INSTALLATION AND MATERIAL HANDLING TIPS

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## Expansion

The lower the temperature during installation, the more the boards may expand. British Recycled Plastic material has an average linear expansion of 0.109mm/m/°C. It is vital to calculate the maximum expansion/contraction of the boards in order to establish correct expansion/contraction gaps.

### Calculation example:

Installation of 3.1m decking at a temp of 15°C  
Max. Temperature expected 40°C  
Temperature at Installation 15°C  
Temperature difference 25°C  
Interval = 0.109mm/m/°C.  
Calculation:  $0.109\text{mm} \times 3.1\text{m} \times 25^\circ\text{C} = 8.44\text{mm}$

## Flexibility

Recycled plastic is more flexible than wood or metal. All product and structure designs facilitate this technical characteristic (e.g. maximum distance between fence posts), furthermore, all of our products are supplied with installation or fabrication recommendations.

## Material Structure British Recycled Plastic

British Recycled Plastic profiles bear a non-porous surface resembling timber grain and a honeycomb core. The internal air pockets may be visible when the end of the profile is cut.

## Bolts and Screws

We recommend that all fixings are made from stainless steel/brass or are plated, to retain the integrity, long life, rot free, maintenance free, quality of the final product.

When bolting or screwing profiles together, the pilot hole must be larger than the bolt. Elongated slots are recommended to facilitate temperature related expansion/contraction of the material.

## Impact

Use of a ram or protective sleeve is recommended if profiles are hammered mechanically into the ground – it will prevent potential damage to the product.

## Storage

Direct sunlight may affect profile alignment and cause profile distortion. To prevent profile bowing profiles should be stored on a flat surface, strapped in batches.



For further structural British Recycled Plastic advice and recommendations please visit [britishrecycledplastic.co.uk](http://britishrecycledplastic.co.uk) or call 01422 419 555

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# TOOLING AND FIXING GUIDELINES

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## Sawing

Circular blades with crossed teeth have been found to be most suitable.

We suggest a saw speed between 2,000 and 4,000 rpm. Sawing is best done from the presentation face (the side that will be seen) and cut through to the back face of the profile.



## Drilling

Twist drills are most efficient but standard spiral bits can also be used. Drills with speeds of 400 - 900 rpm are better than high-speed drills. Holes are best placed 10mm plus from the profile edge.

Remove waste material and pause occasionally to allow the bit to cool.



## Jointing

A joint may incorporate more than one method of fixing. Finger type and mortice and tenon or birdsmouth type joints can be made using standard wood working machinery with the appropriate cutters.



## Fixing

Twin flight, parallel thread, coarse pitch screws, similar to those used with wooden particle boards or hi-low screws, have been found to be more reliable than conventional taper thread wood screws.



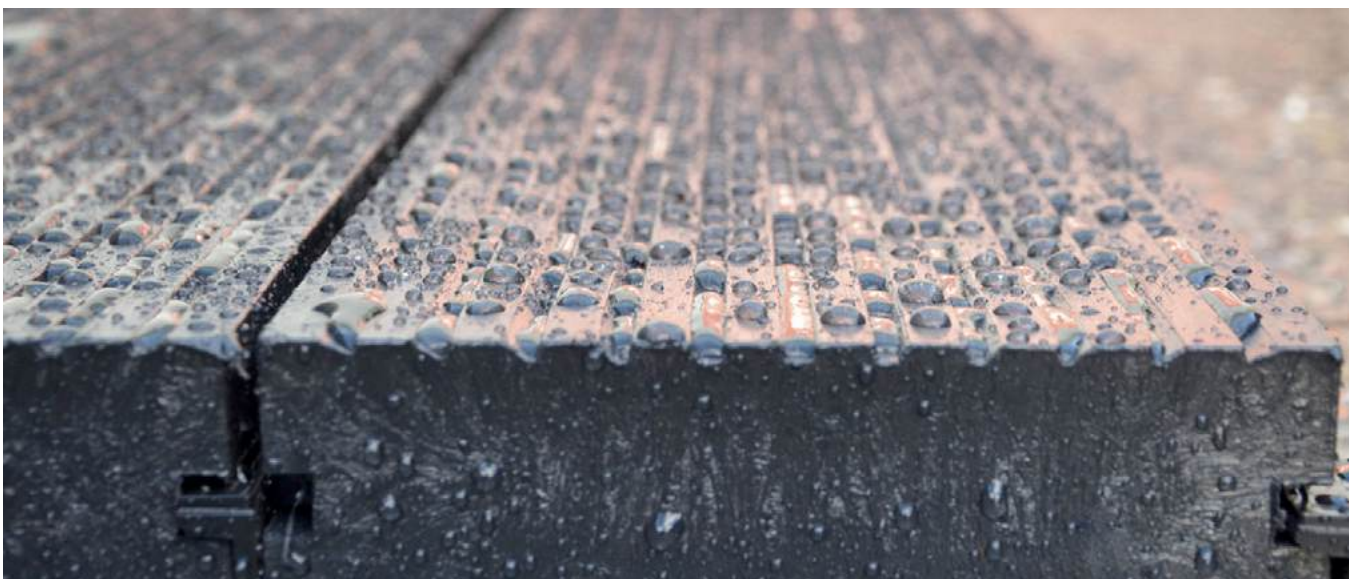
## Stapling

Due to compact surface it is more difficult to penetrate British Recycled Plastic than wood. Stapling has been found to be an effective method for applications such as wire mesh fencing fixing. We recommend pneumatically powered guns for use on these types of fixings.



## Planing

Standard industrial timber planing tools can be used. The finish depends on the condition of the blade, feed rate, cutting speed, clearance and cutting angle.







Tel: 01422 419555  
[www.britishrecycledplastic.co.uk](http://www.britishrecycledplastic.co.uk)

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A photograph of an outdoor courtyard with several picnic tables. Some tables have yellow benches, while others have green benches. Large grey patio umbrellas are open over some of the tables. In the background is a large, historic stone building with many arched windows and doorways. People are seen sitting at the tables and walking around the courtyard.

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See our 'Denholme' Picnic Tables at The Piece Hall, Halifax