

YOUR COMPLETE GUIDE TO FLOORING AND WALKWAYS



Members of

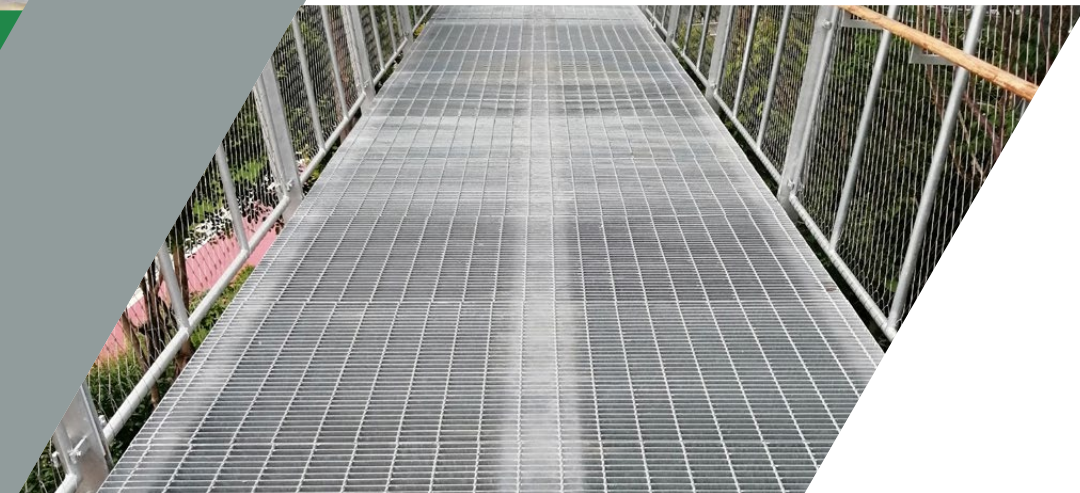




WELCOME TO OUR INNOVATIVE FLOORING AND WALKWAYS BROCHURE

We take immense pride in presenting an array of cutting-edge products designed to transform your projects. From robust Open Steel Flooring to the versatile GRP Flooring, and from sturdy Stair Treads to reliable Planking solutions, our product range caters to a diverse number of applications. Our products share key strengths such as unparalleled durability, exceptional load-bearing capabilities, and anti-slip surfaces, ensuring the upmost safety and ease in installation.

Our commitment to excellence is reflected not only in the quality of our products but also in our nationwide distribution network, ensuring prompt and reliable delivery. Our in-house Barrett Steel Safety and Access team are specialists in their area, ready to provide you with personalised support and guidance.



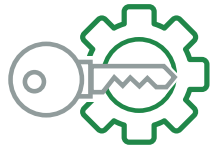
WHAT WE OFFER



Industry leading products



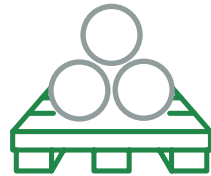
Complete flexibility



Full turnkey solutions

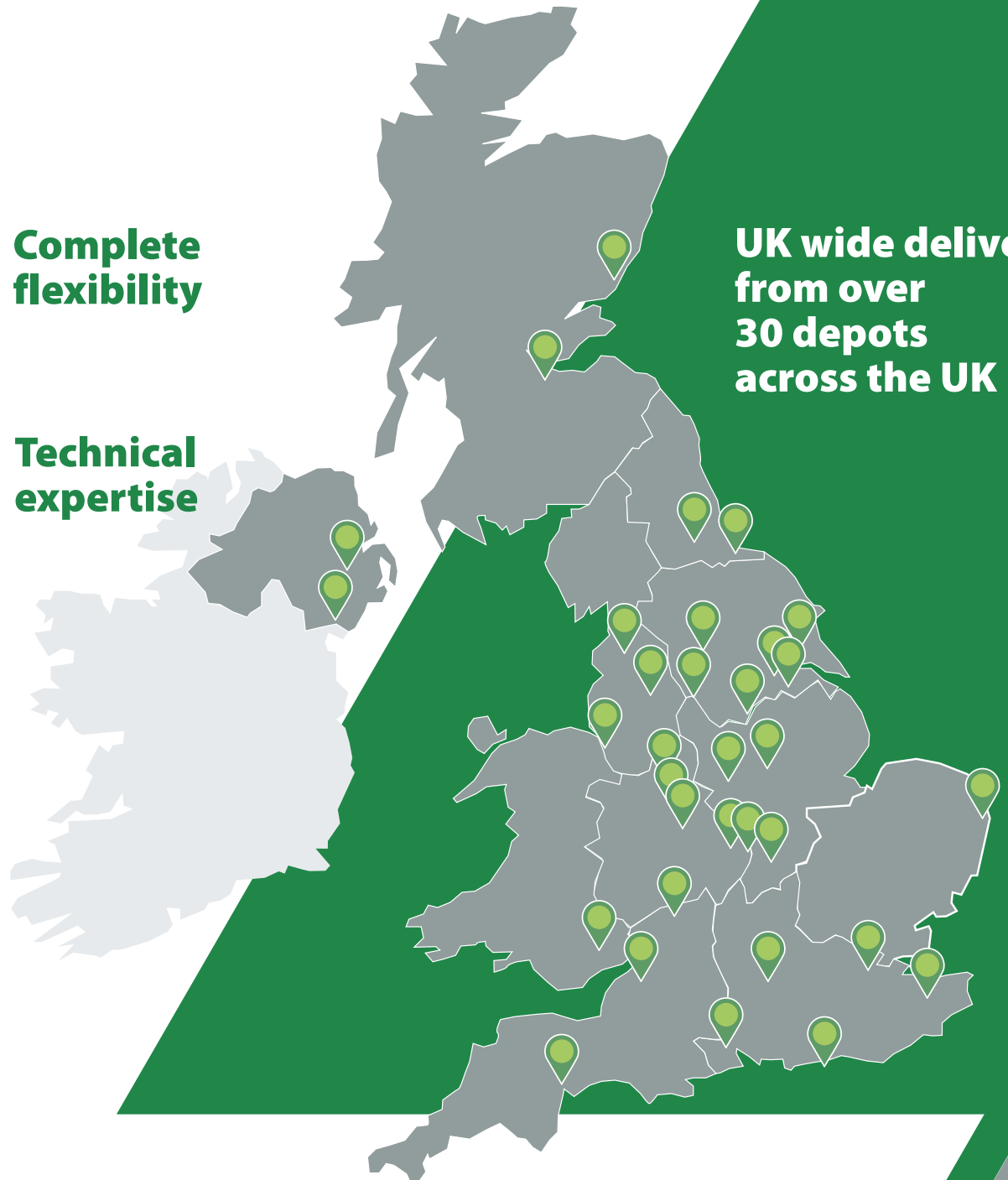


Technical expertise

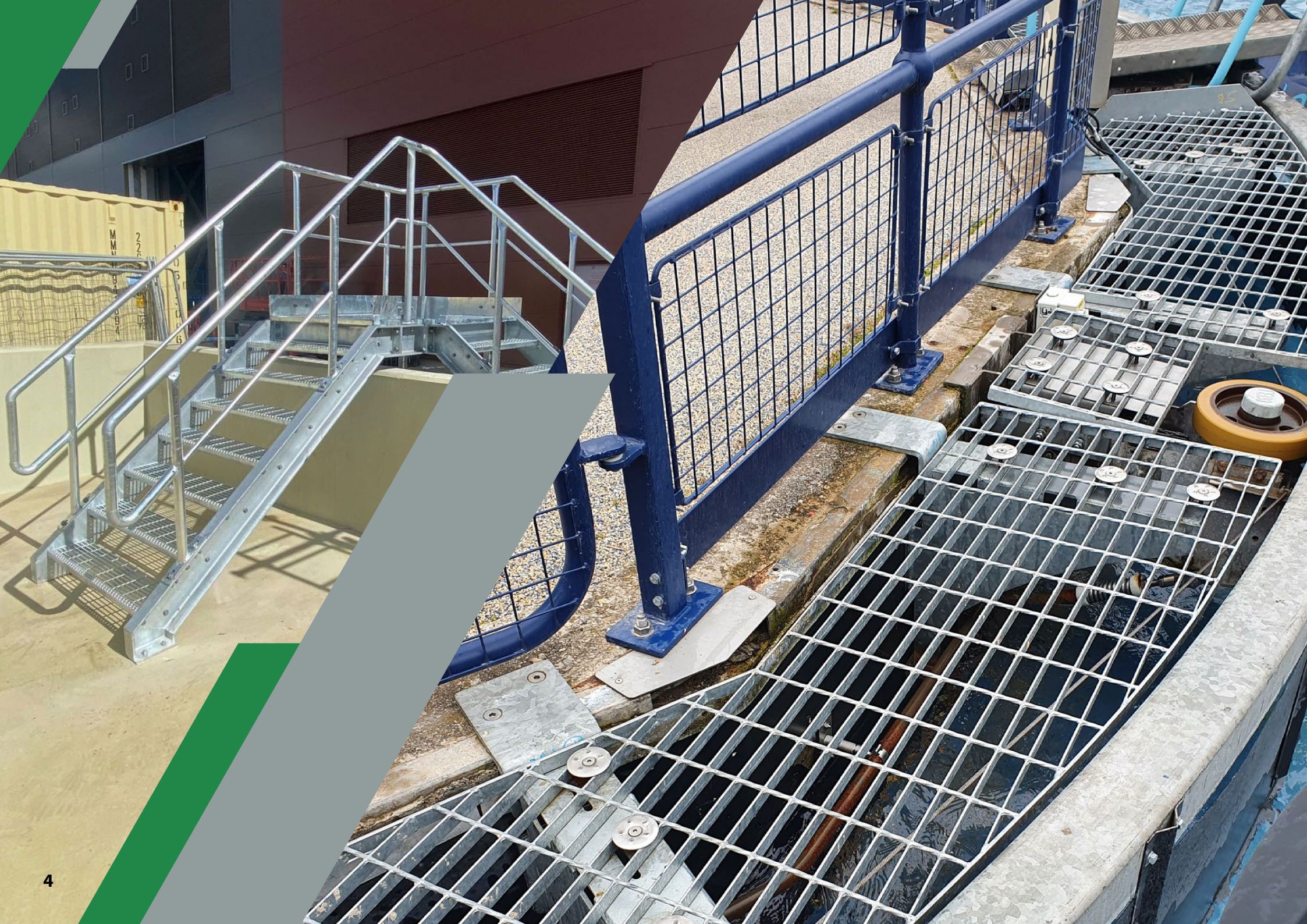


Trusted distribution partners

UK wide delivery from over 30 depots across the UK

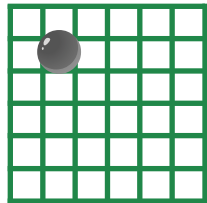
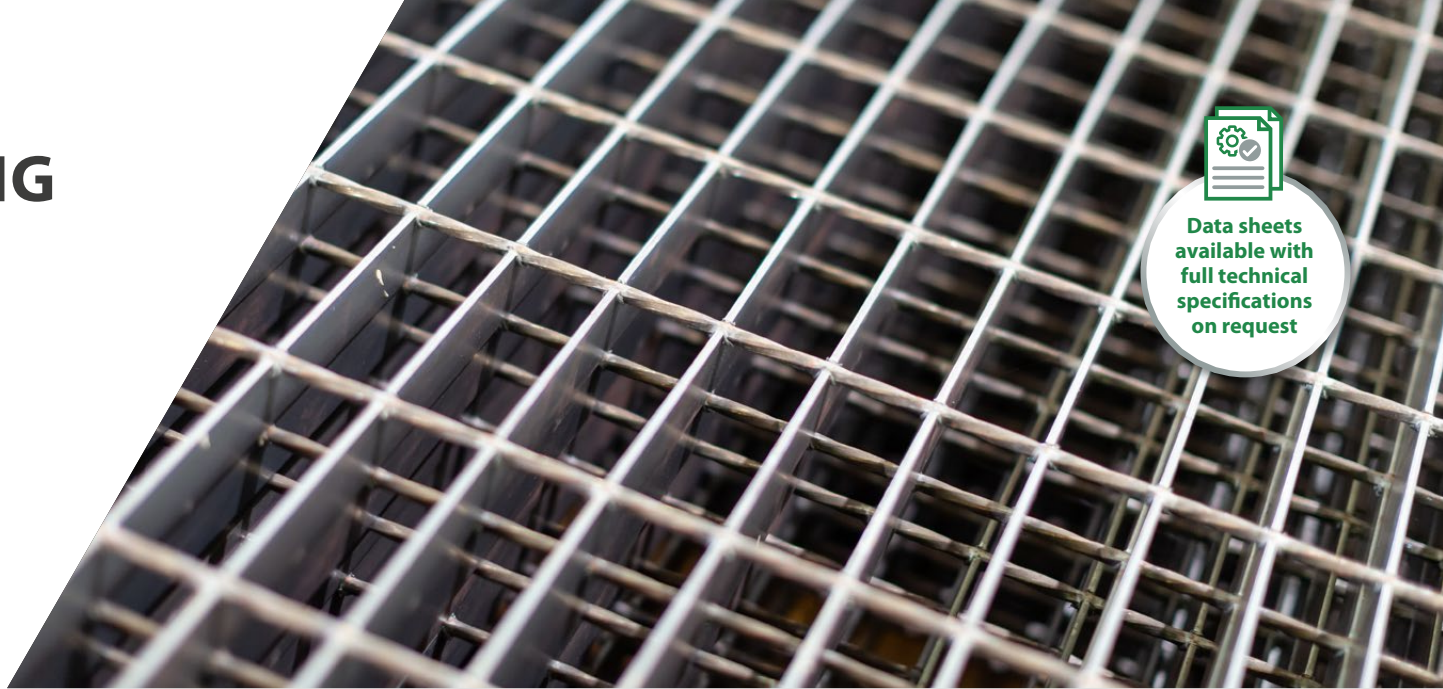


Scan to view a wide range of brochures and product details



OPEN STEEL FLOORING

Our range of open steel flooring is forge welded and designed for use in projects such as platforms, raised landings and walkways. This product lends itself to a wide range of applications including construction, infrastructure, manufacturing and agricultural projects. We offer an extensive range of depths and mesh patterns to suit your requirements. These are based on static and dynamic loadings in conjunction with the required clear span.



We can supply 35mm ball proof for platforms, walkways, and fire escapes as well as 20mm where personnel may occasionally pass underneath. We offer depths of 25, 30, 40 and 50mm and options of 3 or 5mm thick. We can offer Standard panels of 41/100, 6m x 1m ex stock from depots across the UK.



We offer a wide range of flooring clips. All bolts and nuts are supplied with a galvanised finish. Other finishes available on request.



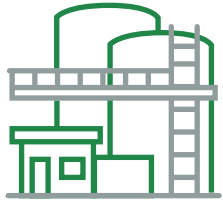
Available in a wide range of finishes including self-colour, galvanised and stainless steel. Drawing service available complete with listed bill of materials. Fabrication services allow for any of our open grid flooring panels to be cut, notched, and finished to your specifications.



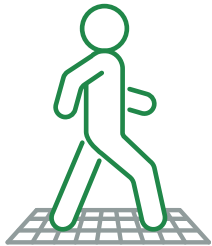
Surface edging available in plain or serrated finish (where higher slip resistance is required).

PRESSED IN GRATINGS

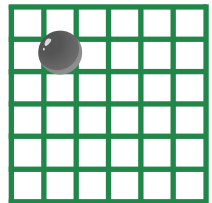
Pressed in grating is particularly suitable for architectural applications but can also be found within industrial and engineering sectors.



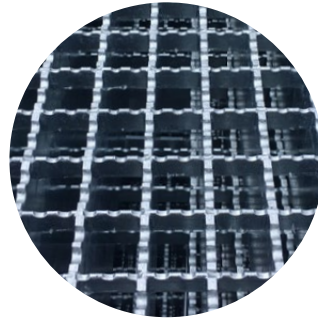
Used in the industrial and civil engineering sectors and are especially suited for all types of architectural applications.



This products versatility enables it to be used for walkways, platforms, building facades and sun screens.

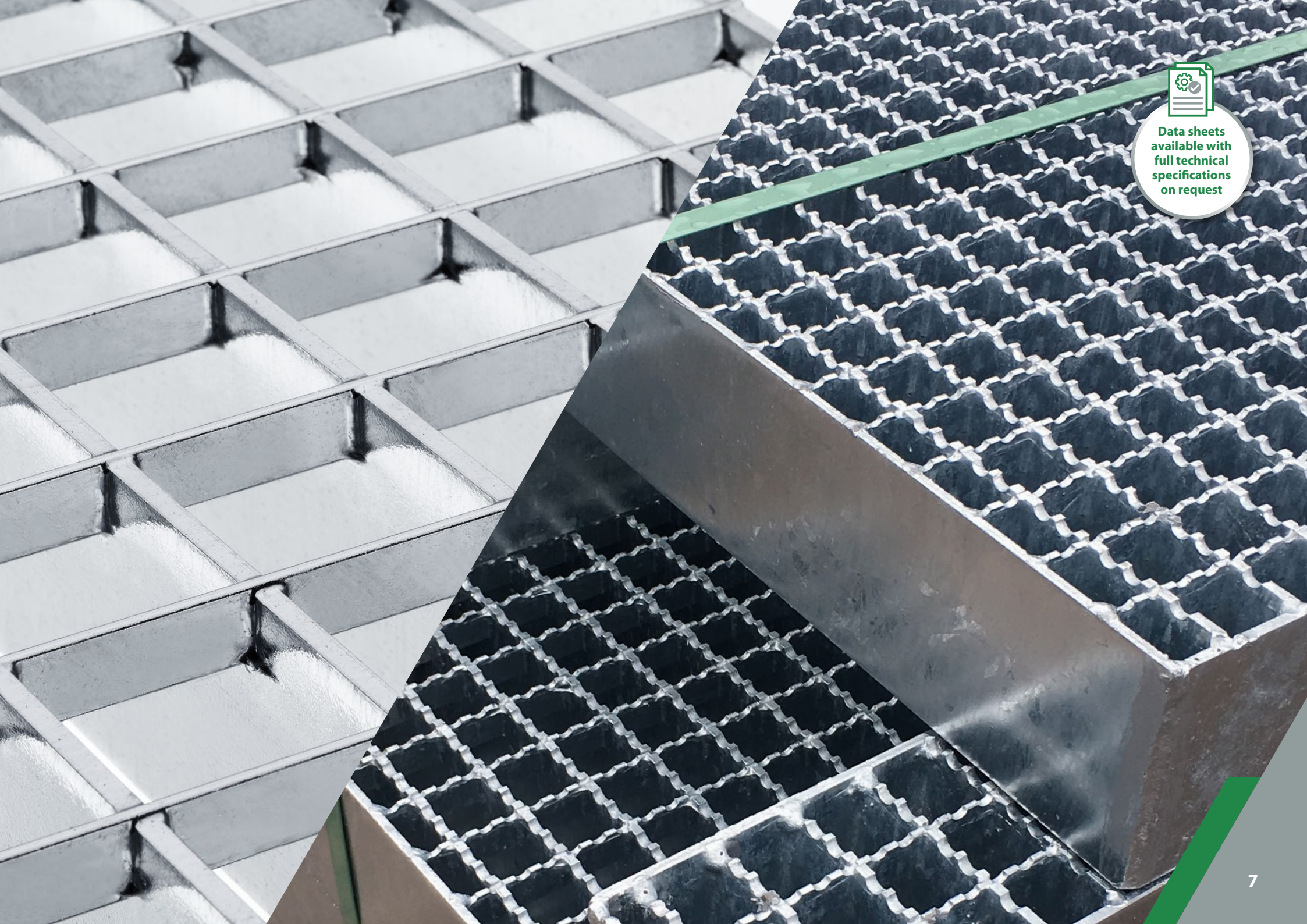


We can supply 20mm ball and 35mm ball proof with standard panels of 3m x 1m. Fabrication service also available to your specifications.



This grating can be supplied in various depths and thicknesses with top surface edging options of plain, serrated or double serration.

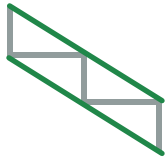
Available in a wide range of finishes including self-colour, galvanised, stainless steel and aluminium.



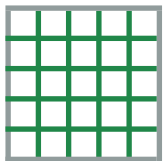
Data sheets available with full technical specifications on request

STAIR TREADS

Forge welded treads are manufactured in the same types of steel gratings used for platforms, landings and walkways. Standard features include serrated and perforated nosing bars to the leading edge and welded end plates.



Our load-bearing structure can support bars with section sizes such as 25x3, 30x3 and 25x5, spanning distances of up to 1.2 metres.



Mesh centres available to suit your projects requirements. We offer standard pitch 35mm ball proof and 20mm ball proof to optimise protection with widths of 250, 275 and 290mm.



We can also supply Durbar treads and stock standard Durbar plate across our UK network.

All our treads are designed to fulfil the requirements detailed in BS EN ISO 14122-3:2016 and BS4592.2006+A1;2012. Additional support may be required for treads that are over the specified widths.



Data sheets available with full technical specifications on request

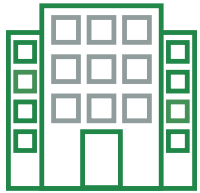


NOSING COVERS

We offer a wide range of Nosing Covers that can be installed to the stair treads, providing extra grip to the leading edge. Our selection of Nosing Covers includes Octopus, Pyramid, Durbar and GRP. Each type of Nosing Cover provides a unique combination of functionality and aesthetics to suit your needs.



Data sheets available with full technical specifications on request



Used in industrial settings such as warehouses and factories.



Often used in high footfall spaces including pedestrian walkways, commercial buildings, hospitals, and office complexes.

We can supply in 6m lengths separately or pre-fabricated with stair treads.



GRP FLOORING (GLASS REINFORCED PLASTIC)

The GRP Flooring we provide is a high performance composite grating system that comes in many variations of surface finish and mesh types to suit your application. The range includes:

- **Gritted Top**
- **Concave Top (Ungritted)**
- **Covered / Solid Top**
- **Micro Mesh**
- **Heavy Duty**

There are various standard thicknesses from 13 to 50mm and typically these come in standard panel sizes of:

- **3664mm x 1226mm (3.6m x 1.2m)**
- **3000mm x 1000mm (3m x 1m)**
- **2000mm x 1000mm (2m x 1m)**

Aside from our standard panels we can offer bespoke cutting and shaping on flooring to suit your requirements.



Data sheets available with full technical specifications on request



GRP Grating – Grey, green and yellow

Micro mesh – Deep sand and grey

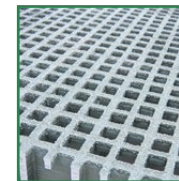
Solid top – Green and grey



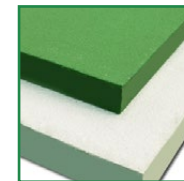
Bespoke colours available on request



Gritted



Micro mesh




Solid top

GRP SHEET

We supply flat gritted sheet which provides a quick and simple solution for anti-slip flooring.

- Our GRP Sheets provide a cost effective , high traction solution for pedestrian or vehicle areas that may regularly become wet. Key benefits of this product are that it has high impact resistance, is non-conductive, will not rust or corrode and is suitable for both pedestrian and vehicle traffic.
- Used within many sectors (industrial, leisure, public sector) to provide a safe walkway for visitors.
- Thickness ranges from 3 to 10mm and we can offer variable surface profiles ranging from Fused Alumina to Quartz or Bauxite (to special order). Fine, medium or coarse finishes available.
- Its features include a large colour range (BS, RAL or colour match) and can be cut to suit required dimensions.
- It also offers UV and chemical resistance. A choice of fire rated resins can be supplied along with the option of logo application.

 Black, yellow, grey and bespoke colours available on request



GRP TREADS, NOSING COVERS AND KICK FLATS

- GRP Treads and Nosing are ideal for contrasting the edges of staircases accessible to members of the public. They create an anti-slip solution that is affordable and stylish.
- We can also supply additional finishing such as the application of Kick Flats which are perfect for elevated gantries and walkways.

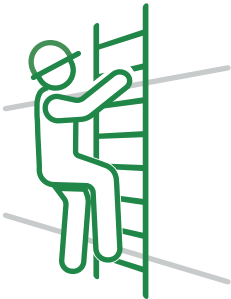


LADDER RUNGS

Our Perforated Steel Ladder Rungs are the perfect addition to ladders where anti-slip properties are required. They are designed with safety and slip resistance firmly in mind. Our Ladder Rungs can be supplied in self-colour mild steel, stainless steel, and aluminium finishes. Standard stock lengths of 800 and 2000mm are available or cut to length on request.



Examples of industries that may require a ladder rung are rolling mills, mining applications or power generation plants. Ladder rungs can be a versatile solution and can be applied in any situation where additional traction is desired.



Our ladder rungs can be mounted to existing ladder struts or can be welded laterally to cross members or steel angles. When fitting ladder rungs with 25mm DIA, type LSP35 special rungs are recommended. For new ladder rungs we would recommend our LSP50 or LSP50R type.



LSP25SC



LSP35SC



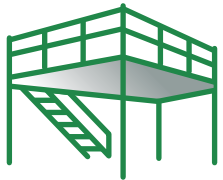
LSP50SC



Data sheets available with full technical specifications on request



PERFORATED PLANKING



- Perforated Metal Planks offer high slip resistance, creating a safer working environment. They offer high strength to weight ratio, drainage, and cater for flooring where bigger spans are required.
- Perforated Planks can be made from steel, stainless steel or aluminium. They are also available with different tread patterns, depths and lengths depending on project requirements.
- Planking is used in a wide range of applications including schools, hospitals, walkways, platforms, ramps and offshore.
- We have a wide range of patterns available with the most popular being BN-OP5, BN-OP, BZ. These can be supplied fabricated to your requirements.



Data sheets available with full technical specifications on request



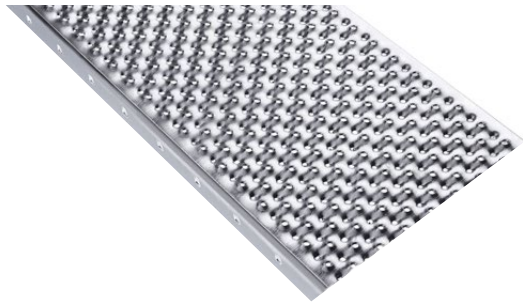
Other Nosing types also available, Page 9



VARIETIES OF PLANKING WE OFFER

BN-OP5 Planking

Heel Proof with a 5mm upward and downward hole offering a good level of slip resistance. Predominantly used in public access environments such as foot bridges, fire escapes, ramps for schools, hospitals, and railways. This plank can take a higher loading where there is more foot traffic.



BN-OP Planking

With a 7mm upward hole for slip resistance and a 7mm downward hole for drainage. This plank is used more in an industrial environment such as staircases within factories.



BZ - Serrated Planking

This profile offers a high degree of slip resistance due to the distinctive profiling surface. It is suited and used in many sectors where high slip resistance is required and free flowing drainage including environments where fats and oils are used.



BN-G Planking

The BN-G plank is generally offered as an alternative to chequer plate. It has higher slip resistance properties due to the solid raised hole and the remaining of the plank is solid. This is used where the application doesn't require water or liquids to fall through the grating.





Data sheets available with full technical specifications on request

BR Planking

The BR plank is used when concentrated loads are applied to small contact surfaces, for example passenger car trafficability on access ramps or car parks. BR planking is suitable where there is a requirement for large spans and can be manufactured up to 10m long.



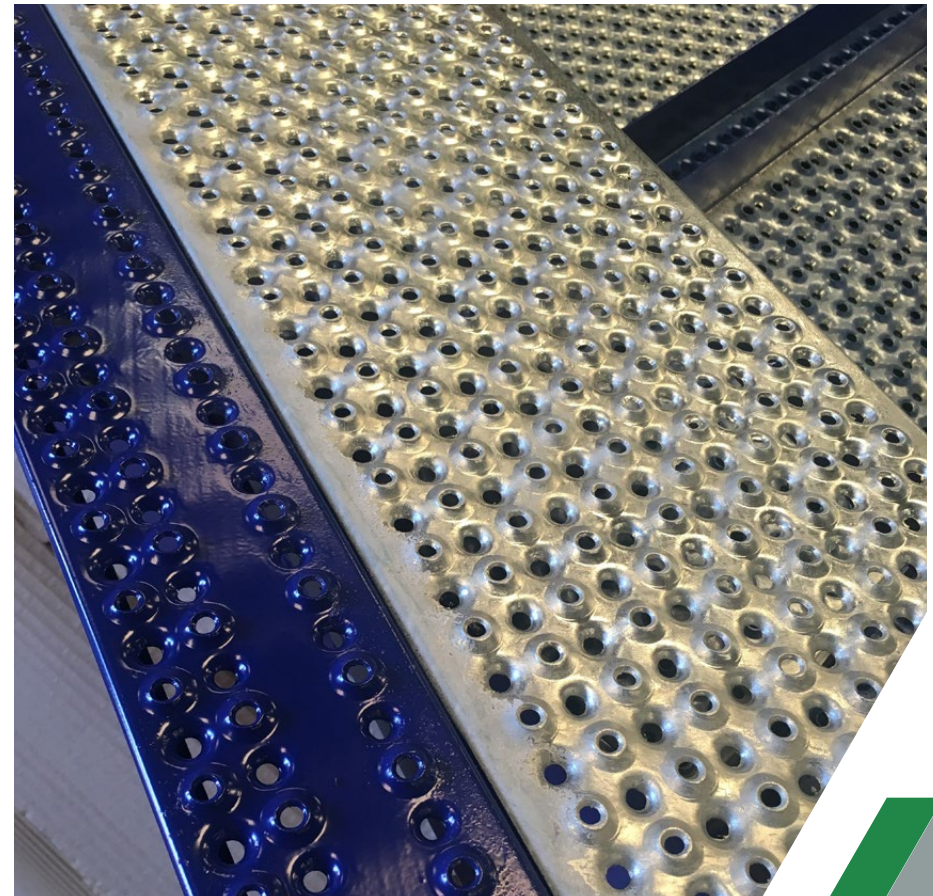
BP Planking

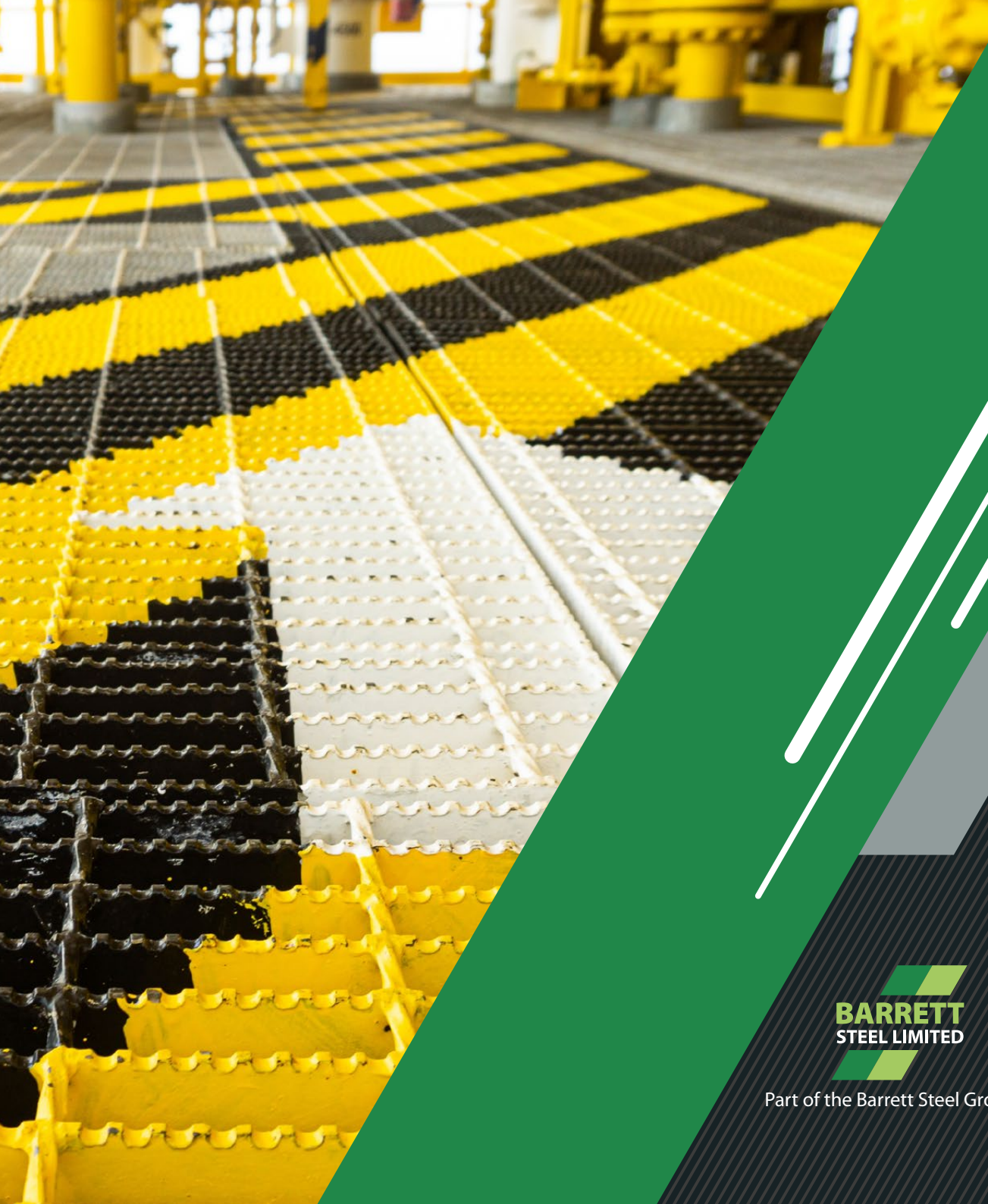
BP Planks are characterised by their smooth line profiling and high load capacity. This plank is frequently used when large areas have to be covered in industrial scenarios especially where demands of higher loadbearing capacity is required. BP can also be supplied without holes, and therefore ideal for use in the shelving sector. It is suitable where there is a requirement for large spans and can be manufactured up to 10m long.



Stair Treads

All planking types are available in stair treads (bespoke and made to order). Some types are available in 6m lengths enabling you to fabricate yourself for a quicker delivery. A rear riser plate on all treads is an option. This is not standard but an additional extra.





Part of the Barrett Steel Group

BARRETTSTEEL.COM
SALES@BARRETTCONSTRUCTIONAL.COM
01274 474314