



PIRANHA[®]
DECKING & FENCING SOLUTIONS



Guide to Understanding
Piranha

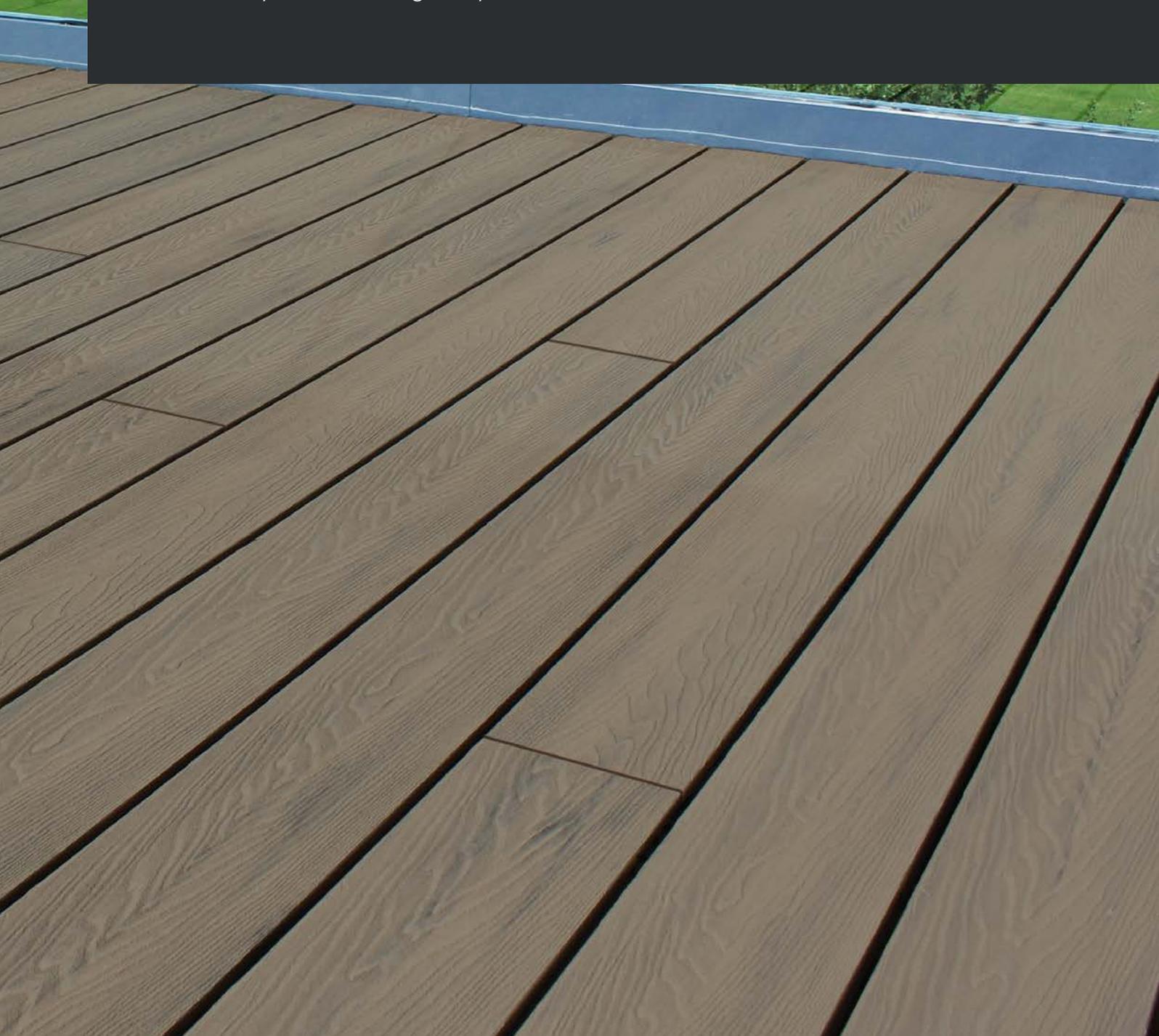
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Welcome

This guide is intended to outline the main features and benefits, along with basic installation information and guidance for the Piranha range of decking, fencing and cladding systems. We hope this will help our retailers, customers and homeowners, to better understand how to install an extremely durable, attractive, practical and low maintenance system, with a wide range of colours to choose from giving you that design flexibility for something really different.



What Is Composite Decking, Fencing & Cladding?

A composite material is the blending of two or more materials to form one unique material. In the case of our Piranha products; we blend Forest Stewardship Council (FSC®) certified wood, along with high performance, HDPE plastic, which is recycled from things like old plastic bottles, and finally a few additives to help with the outstanding technical properties and aesthetics that you can expect from your Piranha system.

The component parts are mixed together and then fed through an extrusion process, cooled, embossed with the wood grain, dressed, cut and inspected ready for packing.

We can't speak for every manufacturer but specifically for our Piranha products, the extrusion process, along with use of natural wood and some clever use of pigments, results in variations, in shade and finish within the pack so that you are not seeing the same repeated board.

Over recent years, composite decking is becoming the pre-eminent, and sensible choice, for garden designers given its outstanding performance and low maintenance characteristics than when compared to traditional wood decking.

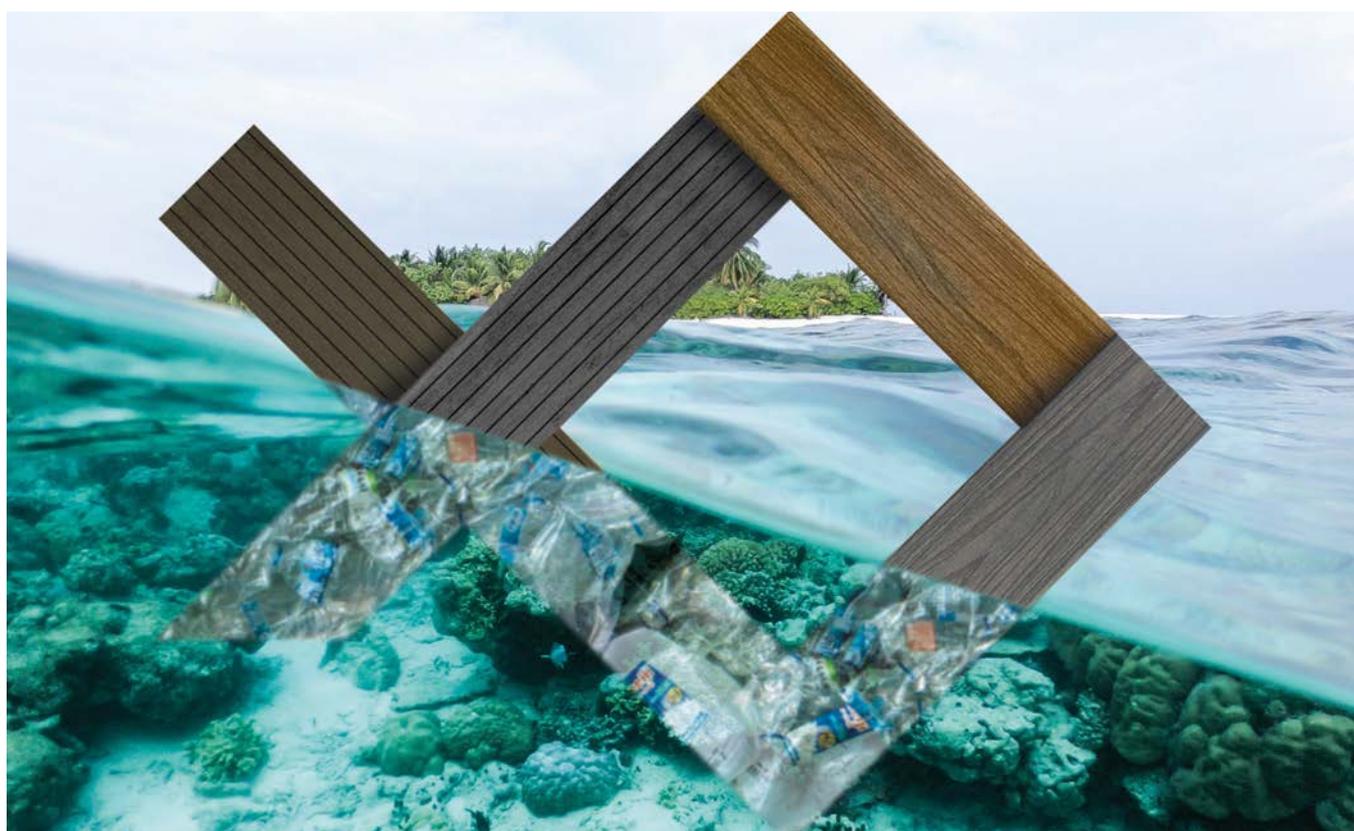
Talasey work with partners world-wide to deliver to you the very latest selections to suit all budgets and aesthetics, with a guarantee of only supplying quality specifications.



Benefits of Piranha

All our Piranha ranges are fully tested to assure high performance and quality so, not only do homeowners and designers have a huge choice of looks and style for an imaginative and bespoke project, but you can sit back and enjoy a lovely new space with the assurance that you have Piranha products that will last for many years to come. In addition, you will have the benefit of having chosen a material type that is the easy to maintain. Furthermore, safe in the knowledge, the materials were responsibly sourced and using a significant proportion of recycled materials.

- **Hard wearing** - Highly durable. Will not rot, warp or split.
- **Low maintenance** - Easy to clean. No painting, staining or varnishing needed.
- **Variety of application and design** - a choice of decking ranges depending on budget that offer dual sided options to mix up your design, with fantastic complementing options in Fencing and Cladding for that total low maintenance garden.
- **Good slip resistance** - Each decking range is categorised as low potential for slip, whether wet or dry.
- **Responsibly sourced** - By choosing Piranha, you are helping to care of the world's forests, all our wood component is responsibly sourced only using FSC® certified supplies.
- **Environmentally aware** - We incorporate 6.2KG of recycled plastic into every square metre of Piranha boards, therefore, for every 323 boards that we manufacture, we save 1000KG of plastic from going to waste or polluting our environment.
- **100% Recyclable** - At the end of service or for any wastage, our Piranha products are 100% recyclable.



Choosing Piranha

Different Types Of Deck Boards

Timber Deck Boards - The main advantage is its relative low cost. It can be painted and stained to suit your changing colour schemes. Unfortunately, these advantages are balanced by its high maintenance and potential for slipperiness, warping and rotting. Typically, no test data available and if untreated, will have no fire resistance.

Talasey do not supply.

PVC Deck Boards - Cheaper than composite or mineral deck boards, but an alternative to timber decking. Its 100% plastic, some are not very UV stable so will potentially fade in colour. Typically, poor aesthetics.

Talasey do not supply.

Uncapped Composite Deck Boards - Entry level composite boards. Biggest market share of composite products. Quality specifications and component material selection can vary so don't always assume that one product is the same as another. In general, good technical properties, ask your supplier for data sheets so you can compare and contrast different manufacturers. If there is no data available, take it as sign to just rely on Talasey.

Piranha Hunter range by Talasey - no fillers added, only hardwood timber and high-performance recycled HDPE plastic is used. Reversible finishes with grooved or wood grain effect, together with a choice of colours. Matching edging and fascia boards (wood grain only) available. 10-year guarantee for domestic applications. Fire rating C.

Part Capped Composite Deck Boards - Next budget level up from uncapped. Not fully protected on all four sides. Probably the least widely used of all composite options.

Talasey do not supply.

Fully Capped Composite Deck Boards - Best overall performance and aesthetically pleasing. Protected on all four sides. The market share is growing. Generally, best technical properties of comparisons thus far.

Piranha TerraFuzion by Talasey - dual sided giving you the opportunity to mix two colours on same project for contrasting features such as, for example, edges or steps. Matching edging and fascia boards available. Maximum performance against stains and scratches. 25-year guarantee for domestic applications. Fire rating B.

Mineral Resin deck boards - Highest cost giving superb aesthetics. Poor overall fire resistance. May not be suitable for simple maintenance with pressure washers.

Talasey do not supply.

Quality

All our ranges are fully tested to assure the user of its fire resistance and technical properties, such as water absorption, tensile strength, impact strength, flexural strength, density and slip resistance.

We have Product Specifications available, with specific design guidance to further assist with your decision making. Request via your merchant.

Specification

The component make-up of our Piranha products is:

- 60% FSC® 100% Hardwood timber which is processed into a wood powder for blending into a refined mix for better extrusion. This is heated and dried until it is free of moisture.
- 30% Recycled HDPE plastic. This is cleaned from any contamination, screened for any impurities and then granulated into pellets.
- 10% Additives. These include stabilizers, waxes, lubricants, stiffening agents, impact modifiers, blowing agents, fire retardants and colour.

Responsible Sourcing

Talasey are FSC® certified and by choosing Piranha you are helping to take care of the world's forests. Talasey are passionate and proud to maintain their certification.

The Forest Stewardship Council® are the world's most trusted sustainable forest management solution.

As the original pioneers of forest certification, set up in 1992, they have many years of experience in sustainable forest management. They use their expertise to promote the responsible management of the world's forests, bringing together experts from the environmental, economic and social spheres.

The FSC® mission is to promote environmentally appropriate, socially beneficial, and economically viable management of the world's forests.

The true value of forests is recognized and fully incorporated into society worldwide. FSC® is the leading catalyst and defining force for improved forest management and market transformation, shifting the global forest trend toward sustainable use, conservation, restoration, and respect for all.



The mark of
responsible forestry



Helping You Make the Most of Your Piranha Products

Should you decide to use Piranha Decking, Fencing or Cladding systems, this next section highlights considerations to make when placing your order through to enjoying your installation and all the elements to consider in-between.



Things to Consider When Ordering

We have a large network of stockists from whom you can purchase our Piranha products. To find your nearest stockist contact our Customer Experience Team or visit our website and use our friendly live chat service.

Call: **0330 333 8030** | Email: customerexperience@talasey.co.uk

Or visit the knowledge hub on www.piranhadecking.co.uk.

- Always purchase all the boards for the project together as colour may vary from batch to batch. Batches brought at different times will vary due to natural and process variables, from material batching to temperature and humidity.
- Always allow for wastage (10% is recommended subject to design).
- Consider how you're going to store the product once it arrives on site or at your store. Stack on flat ground with supports at each end and spaced no more than 600mm apart.
- Do not stack packs more than four high.
- Store opened packs under cover if possible or cover with tarpaulin.
- Don't forget to consider your subframe material requirements. You can't start without it.



Receiving your Piranha

A few things to remember once you receive your order:

- Always inspect the boards for any damage upon delivery.
- We'd recommend allowing your delivery to acclimatise for 24 hours prior to starting installation.
- Variation is designed into the shade spectrums using colour mixing, but some packs may have a more predominant shade to the next. Bear this in mind and inspect each pack to see if you need to consider mixing to create a natural blend.
- For best results, we'd normally recommend you try and install each board with the grain in the opposite direction. This further helps with creating a natural look and minimise any remote possibilities of spotting repeats in the grain.
- If you are not satisfied or concerned about any aspect of your delivery, please report it to your supplier before you start work, so we can support all parties to resolve the situation, as appropriate and as urgently as possible. Talasey Ltd will not accept liability or costs when product was deemed to be unsatisfactory, but then installation continued.
- After you have unpacked the delivery, consider the environment and recycle the packaging products. There could be wooden pallets, plastic ties and plastic wrapping on the delivery, which should all be recycled, if possible.

Please note that all product sizes, weights and thicknesses stated are nominal.

Installation & Quantities

For installation guidance for each specific range and advice on quantity requirements you should refer to our range Installation Guide, please visit the Knowledge Hub on www.piranhadecking.co.uk.

General Information

Colour Stabilisation

All our Piranha products contain UV stabilisers, however, due to their high natural content, all composite landscaping products will go through an initial colour stabilisation. This will commonly be noticed when moving seasonal fixtures, such as flowerpots or garden furniture. When the products are initially exposed to variable temperatures and humidity, some shade change can occur as the product stabilises. It is often imperceptible until you move one of the seasonal fixtures. Any patch left behind will catch up with the rest of the area, if the fixture is not placed back in the exact same spot. This period of stabilisation generally occurs over the first cycle of the seasons.

TerraFuzion provides increased protection against fading & weathering, providing the boards with an extra long life, due to its HDPE capping.

Colour Banding

Variation is designed into the shade spectrums using colour mixing, but some packs may have a more predominant shade to the next. Bear this in mind and inspect each pack to see if you need to consider mixing to create a natural blend.

Orders brought at different times will exhibit shade difference.

Even products purchased at the same time but then split into two separate projects at different times will stabilise at different rates. For example, if an area is installed and then extended some time later, even with the same consignment of product, there will be variation exhibited.

Dark Patching/Anaerobic Zones

On rare occasions, fixtures such as rubber doormats can cause anaerobic bacteria zones where there is a depletion of oxygen. This may cause the area under the mat to darken significantly.

Caring For Your Piranha Products

We recommend cleaning your deck every 3-6 months.

General Cleaning - Apply warm soapy water to the surface of the boards and clean with a soft bristled brush.

Deep Cleaning - Use Pavetuf Composite Cleaner which is specifically designed for the removal of built up surface dirt. It is biodegradable and is a non-acidic, non-caustic formula. Alternatively use a jet wash with no greater than 3100 PSI to clean the surface of your deck. Have the jet wash on a fan setting and hold 30-45cm from the surface. Regardless of which cleaning method you choose, always clean along the length of the boards to prevent any accumulation of debris that can interfere with water drainage.

Stubborn Spot Stains - For stubborn stains, such as oil and grease marks, we recommend that you use the techniques outlined above as well as the advice below: Treat the affected area within the first 7 days. Pavetuf Deep Cleaner can be used, as it contains a degreasing agent which assists in the removal of heavy soiling such as oil and grease stains from the surface of hard landscaping products, including composite deck boards.

Surface Mildew and Mould Growth - Piranha deck boards are resistant to the damaging effects of both mould and mildew growth, this type of growth can occur on almost every outdoor surface and may collect on the surface of the boards. General routine cleaning will help avoid excessive build-up of such growth. Pavetuf Green-Off Cleaner can be used if there is a build-up of organic growth. It is a fast acting cleaner specifically designed for the treatment of organic growth.

Water Stains - Use warm soapy water to thoroughly clean the affected boards. You may want to use a jet wash on the affected area to assist with the removal of surface residue. To further speed-up this process, use Pavetuf Composite Cleaner.

Ice and Snow - Avoid using metal shovels, rakes, ice chippers and any other sharp objects to clear snow or ice off your deck. We recommend using a plastic shovel, otherwise you run the risk of scratching or damaging the surface of the boards. We recommend using a salt-free, non-corrosive ice melt which is designed not to leave any residue on the surface of the boards and is generally more effective than salt-based alternatives. Rock salt can be used on our composite decking, but we advise that this is cleared away shortly after it has been applied to ensure that it does not damage or scratch the surface of the boards.



TOTALLY TALASEY

TALASEY ARE PROUD TO BRING YOU THEIR EXTENSIVE PORTFOLIO OF THE FINEST LANDSCAPING PRODUCTS AND SOLUTIONS



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