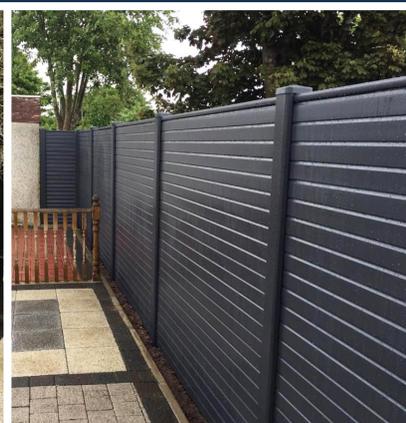


# Thistle

---

DECKING & FENCING

Thistle Low-Maintenance uPVC Fencing



# Contents

**Page 3** - uPVC Fencing

**Page 4** - uPVC Features & Benefits

**Page 5** - uPVC Panels, Posts & Top Panels

**Page 6** - Technical Information

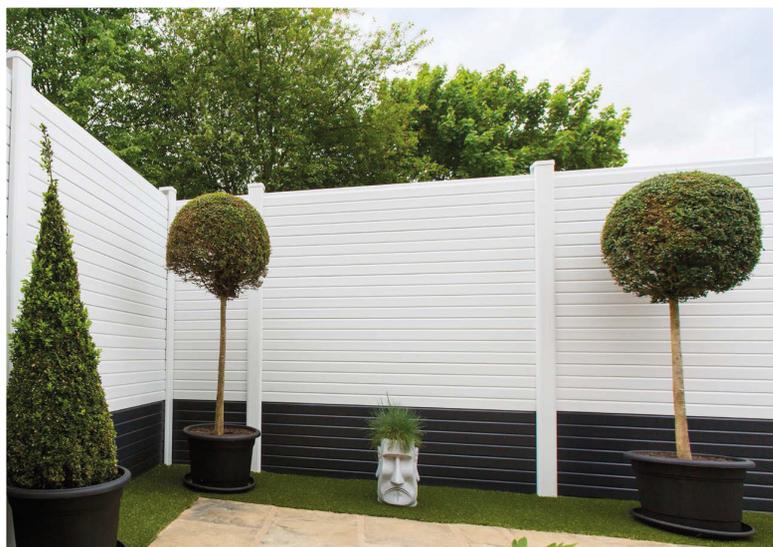
**Page 7** - Colour Options

**Page 8** - Classic Fencing

**Page 9** - Woodgrain Fencing

**Page 10** - Composite Fencing

**Page 11** - Matching Gates & Raised Beds



## uPVC Fencing

The annual chore of preserving timber fencing can be a daunting one, involving many hours applying coat after coat of preservative or stain to protect your boundaries and keep them looking smart.

Advances in technology over recent years have made fencing manufactured from uPVC a real alternative to more traditional materials – and for good reason. uPVC fencing is light to carry, easy to install, weatherproof and virtually maintenance free.

You may be forgiven for thinking plastic fencing is too flexible to use as a border. However, the internal chambers within each panel of Thistle uPVC fencing give it unparalleled strength, built to stand up to even the strongest winds and storms. uPVC fence posts are reinforced with steel and the whole system is surprisingly sturdy and robust.

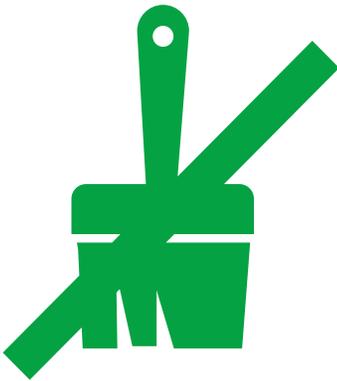


## Product Features & Benefits:

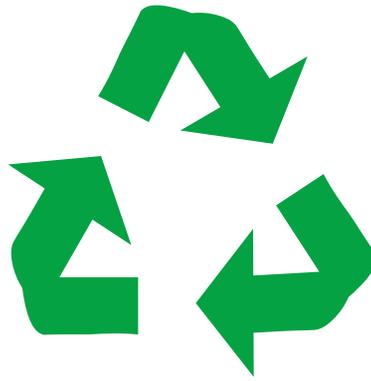
When it comes to fencing, uPVC may not be the obvious choice for anyone who's used to more traditional materials such as concrete and timber. But, as a growing number of landscapers, commercial developers and homeowners are discovering, uPVC fencing systems are the smart choice.

Our range of uPVC fencing products has a number of key benefits over less attractive concrete or timber systems:

Low Maintenance



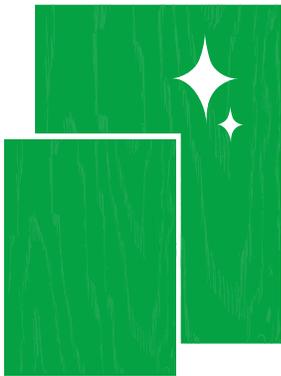
100% Recyclable



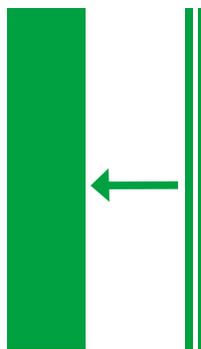
Weatherproof



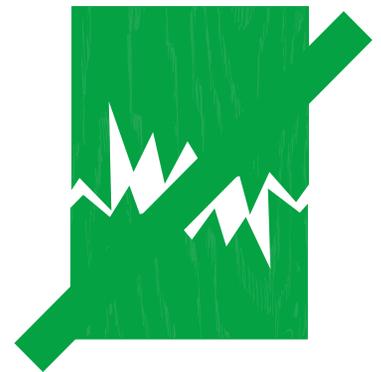
Available in a range of finishes



Dual Sealed



Split & Rot Resistant



## Fencing for the future

It is installed in exactly the same way as concrete or timber fencing products and is also interchangeable with existing concrete posts – so you could just replace old timber panels. It can be used in a number of combinations to form the perfect boundary, with the added bonus of never having to be treated.

### uPVC Panels & Posts

Gravel boards have been ingeniously designed to stack on top of each other to form a full fence panel meaning you can build them up to your desired height, in 1ft increments.



### Decorative Top Panels

Fence panels can also be combined with a decorative top panel, providing either a convex or concave finish to your full panels.



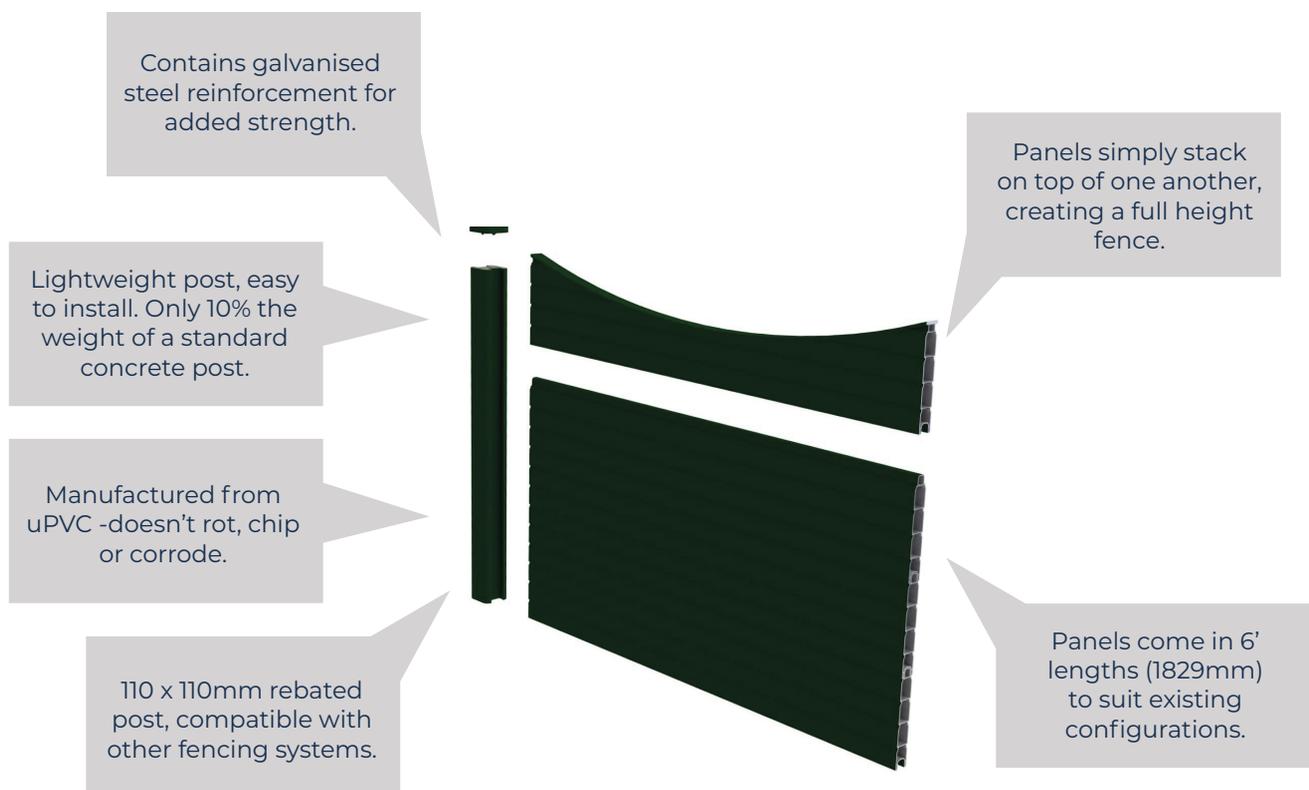
# Technical Information

Our uPVC fencing system is much easier to transport, carry and install due to its lightweight properties. It's also surprisingly strong, durable, long lasting and able to withstand storm force winds.

Post/Panel		Panel	Post (inc steel)	Material Properties		
Overall Width	mm	330 x 52	110 x 110	Material		uPVC
Thickness of Material	mm	2.25	3.5	Density	kg/m <sup>3</sup>	1450
Weight	mm	3.0	2.94	Tensile Strength	N/mm <sup>2</sup>	40.0
Moment of Inertia (Sheet)*	kg/m	94.59		<b>Wind Loading</b> Working on a x3 safety factor, our uPVC fencing system is capable of withstanding wind loadings of up to 74mph*		
Moment of Inertia (Wall)*	cm <sup>4</sup>	315.29				
	cm <sup>3</sup> /m	36.38				
Section Modulus (Wall)*	cm <sup>3</sup> /m	121.27				
Maximum Moment*	kNm/m	4.85	7.86			
Allowable Moment*	kNm/m	1.62	2.62			

We reserve the right to change the specification at any time.

\*Independent calculation are provided by Online Structural Design Ltd



## Colour Options

You'll be spoilt for choice when it comes to colours and finishes. The Classic range is offered in green, white and brown, Woodgrain fencing is available in Anthracite Grey, Golden Oak, Rosewood, and Black/Brown, while our Composite fencing has three options – Carbon Grey, Chestnut Brown and Sand.

*Colours in the brochure are representative only.*

### Classic

Green



White



Brown



### Woodgrain

Grey



Golden Oak



Rosewood



Black/Brown

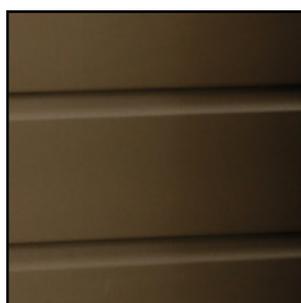


### Composite

Carbon Grey



Chestnut Brown



Sand



## Classic Fencing

Classic fencing range is the original and most cost effective method to offer a modern appearance to perimeters without the hassle of maintenance.

## Colours & Styles

Available in three attractive colours – Classic fencing range provides clean, contemporary styling that requires no sanding, painting or staining and won't rot or rust – it's 100% weatherproof.

Fence panels made up of Classic gravel boards are also ideal for neighbourly harmony. Friends next door won't have any painting to do either and there's no 'bad side' to lumber them with.

Made from lead-free window grade durable uPVC, of which around 83% is recycled, our range of uPVC fencing can be installed in exactly the same way as concrete or timber products but offers a more flexible and durable solution. The lightweight properties also make it easy to transport and carry.

## Classic (Green, brown, White)

Fence Posts



Fence panels/gravel boards



Post caps



## Woodgrain Fencing

Our woodgrain fencing range delivers the natural appearance of timber - and is also completely maintenance free and guaranteed for 10 years.

### Colours & Styles

Beautifully foiled and available across the full range of gravel boards, post caps and utility strips, Woodgrain fencing is available in Grey, Golden Oak, Black and Rosewood.

Despite its lightweight design, our fencing system is sturdy, durable, long lasting and completely waterproof.

Posts and gravel boards are around 10% of the weight of concrete and can be lifted easily for a simpler installation.

Our uPVC gravel boards simply slot into concrete posts to create a full panel. Or, for the full effect, order both posts and panels for a woodgrain finish without the hassle of maintenance that timber requires.

### Woodgrain (Grey, Oak, Black, Rosewood)

Fence Posts



Fence panels/gravel boards



Post caps



# Composite Fencing

Composite fencing range offers a matte finish for a naturally beautiful appearance and is manufactured from recycled sources, making it an environmentally friendly choice.

## Colours & Styles

Formed from a hybrid mix of wood flour and uPVC, Composite fencing is available in three colours – carbon grey, chestnut brown and sand.

The wood flour used in composite fencing comes from recycled sources and is combined with recycled window grade durable uPVC. The density of Composite fencing means that it's strong enough to stand up to the elements for many years and benefits from all the other advantages that the rest of fencing range is renowned for.

The colour of the wood polymer composite 'naturalises' within the first few weeks of exposure to daylight, before settling to its final effect. The brown and grey colours develop to a softer shade, while the sand shade lightens from an olive appearance.

## Composite (Sand, Oak, Chestnut Brown, Carbon Grey)



Fence Posts



Fence panels/gravel boards

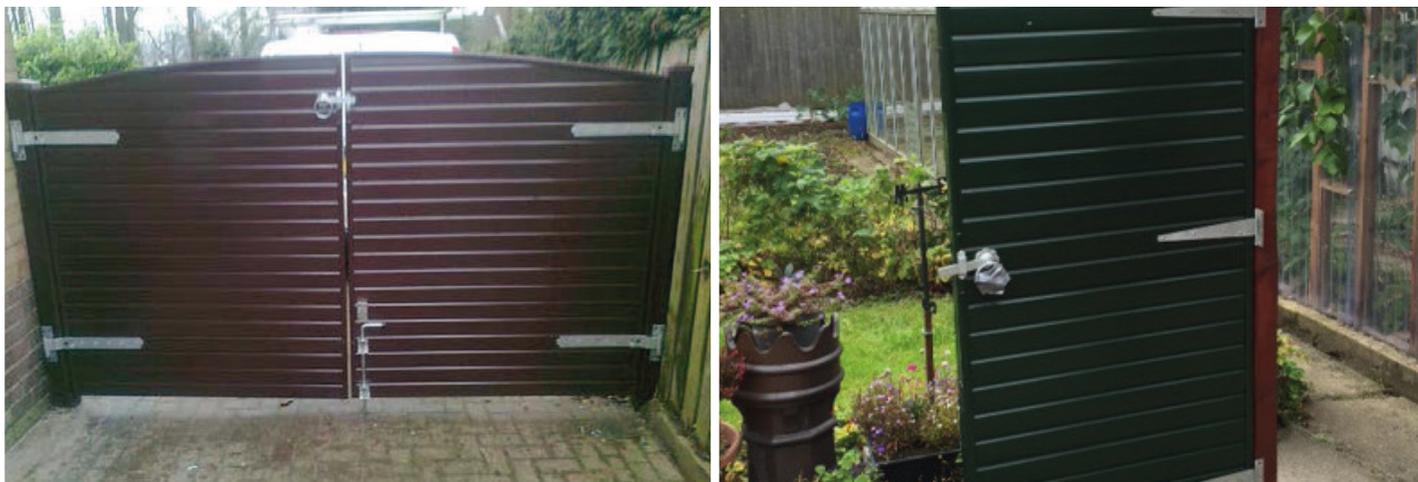


Post caps



## Matching Gates

Gates can be manufactured using standard components in practically any colour or size.



Fencing system has been designed so that gates can be fabricated to give your garden or outdoor area a beautifully matching finish.

Fencing installers can create bespoke gates from any of the options available in the range, benefiting from the same low maintenance, waterproof and durable properties.

## Raised Beds

To add something different to your garden, posts and panels can also be used to make low maintenance raised beds.

Damp soil can rot untreated timber very quickly, lead-free uPVC provides an ideal and attractive solution for vegetable patches or flower beds.





PVCU & COMPOSITE DECKING - LOW-MAINTENANCE FENCING & GATES - PVCU, STEEL & GLASS BALUSTRADES



## TRANSFORM YOUR GARDEN FOR MORE ENJOYMENT AND LESS HASSLE!

Featuring woodgrain surfaces that look and feel like real wood, our PVCU and Composite Decking & Fencing products are strong and durable.

They won't warp or rot like timber alternatives and can be easily cleaned - the perfect choice to create a low-maintenance garden that can be enjoyed all year round!

Our Decking & Fencing is also an eco-friendly, sustainable choice with a low carbon footprint. Our PVCU products are also 100% recyclable!

So if you're looking to transform your garden,  
look no further than Thistle!



SHOWROOM OPEN 7 DAYS A WEEK  
WOODSIDE ROAD - BRIDGE OF DON - ABERDEEN

[www.thistle.group](http://www.thistle.group) - 01224 706 555