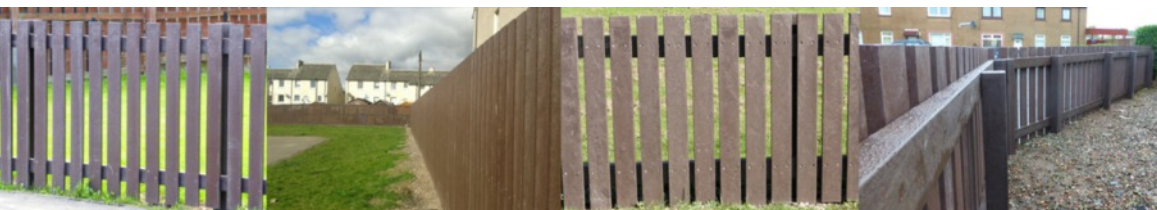


# KC/Fence

Zero maintenance fencing products



Recycled plastic products.

[kaceyplastics.co.uk](http://kaceyplastics.co.uk)



Where longevity and low maintenance are a priority KC/Fence is the ultimate solution with its combination of attractive appearance and a durable, sturdy construction. KC/Fence never needs painting and is strong and flexible, making it resistant to vandalism and beneficial to residents who can grow plants against it without ever needing to move them to allow treatment.

It should be noted that not all recycled plastics are alike. All KC/Fence products are made from either Hanit® or Hanit Ultra® material, which are specially blended recycled plastic produced to the very highest standard in Germany and the UK. The material has a grained finish and is available in brown or black.

- Durable - no replacement needed for 50 years or more. It won't rot!
- Attractive - users tell us 'It really looks like wood!'
- Maintenance free - install and forget. No painting or treatment needed ever!
- Vandal resistant - tougher than wood and graffiti easily removed.
- Will not splinter - won't crack or splinter with age
- Resistant to algae - plastic will not support algae, so it is easily removed.



Sauchie - Clackmannanshire Council

Guidance on the design and installation is part of our service and we will be happy to work with you to help you and your contractor get the right specification for your fencing requirements.

Kacey have over a decade experience in the supply of recycled plastic material for the construction of fencing, boardwalks, jetties, fishing platforms and many other applications. We have worked with numerous leading specification consultants and contractors to ensure that the end customer gets a product that meets and exceeds their requirements and expectations.



Alloa - Ochilview HA



Dundee - Abertay HA



Kirriemuir



Knee rail fencing

## Fencing pales

Size (mm)	Colour		Pale Top Style	
	Black	Brown	Square	Round
25 x 100 x 900	•	•	•	•
25 x 100 x 1200	•	•	•	•
25 x 100 x 1800	•	•	•	•
25 x 100 x 3000	•	•	•	•
25 x 150 x 3000	•	•	•	•

## Fencing rails

Size (mm)	Black	Brown
35 x 100 x 3600	•	•
50 x 75 x 2500	•	•
50 x 100 x 3000	•	•

## Post & rail fencing

Size (mm)	Black	Brown
35 x 100 x 3600 rail	•	•
50 x 100 x 3000 rail	•	•
100 x 100 x 1500 post	•	•
100 x 100 x 1750 post	•	•
90 x 90 x 2500 reinforced post		•

## Knee rail fencing

Size (mm)	Black	Brown
V notch posts 100 x 140 x 1500	•	•
Square section rail 100 x 100 x 3000	•	•

- Formulated for strength & durability
- Resistant to chemicals - graffiti easily removed
- 100% recycled and 100% recyclable
- Waterproof and mould resistant

Many organisations throughout the UK have benefited from using Kacey recycled plastic materials in their fencing projects including Clackmannanshire Council, Abertay Housing Association, Ochilview Housing Association and numerous wildlife trusts, local authorities and private landowners.

## Comparison of fencing types

All KC/Fence products are made from hanit® material, which offers a unique blend of properties for fencing applications, providing a long lasting worry free solution.

### Benefits over wood:

- Long life - lasts at least 50 years
- Splinter & crack proof
- No treatment required
- Whole life cost reduction
- Vandal resistant - easy to remove graffiti

Fencing material	hanit®	Oak	Pine
Lifetime (years)	30 to 50	10 to 25	5 to 15
Flexural strength (Mpa)*	30	30	18
Material density (g/cm <sup>3</sup> )	0.94	0.64	0.37
Recycled material	Yes	No	No
Regular treatment needed	No	Yes	Yes
Cleaning	Can be easily cleaned, Water & chemical resistant	Absorbs chemicals & moisture	
End of life recyclability	Recyclable	Rot/landfill	
Colours	Brown & black	Various (stains)	

### Benefits over other plastic materials

Hanit® is a mixed polymer composite, combining the stiffness of polystyrene with the impact resistance of polyethylene. This, combined with it being both 100% recycled and 100% recyclable make it the ideal material for social housing projects.

- Solid, dense material
- High impact resistance
- Non toxic, chemical resistant
- Highly weather resistant

Fencing material	hanit®	WPC	PVC
Lifetime (years)	30 to 50	10 to 25	30
Form	Solid	Solid/hollow	Hollow/foamed
Flexural strength (Mpa)*	30	34	39
Workable like wood	Yes	Some forms	No, preformed
Impact resistance	Good	Usually brittle	Hollow, makes it weak
Toxicity	No	No	Yes
Cleaning	Good	Depends on matrix. 3% absorbent	Limited resistance

Kacey can also supply decking, outside furniture, planters, general recycled plastic profiles, ground reinforcement products and much more, all in recycled plastic.

Recycled plastic products.

[kaceyplastics.co.uk](http://kaceyplastics.co.uk)

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**Kacey.**