

# fencing

## 5 good reasons why you should choose recycled fencing from Low Carbon Products

**Extremely durable, strong and vandal-proof, eliminating maintenance for lower whole life costs**

**Ultra low carbon footprint as made from recycled and recyclable waste diverting material from landfill**

**No need for paint or other harmful preservatives**

**Does not splinter, rot, crack or fade and is totally impervious to water, algae, and insects**

**Can be worked just like wood**



Low Carbon Products recycled plastic fencing is the ideal alternative for screening and protecting housing estates, children's play areas or recycling sites and blends naturally into any outdoor environment.

With virtually no maintenance costs and a wide range of styles, it is a solution that makes sense environmentally, aesthetically and economically.

## Product Range

Post & Rail Face Fixed



Post & Rail Morticed



Picket/Pale



This type of fencing can be used in conjunction with either the face fixed or morticed post and rail types. Picket/Pales would be face fixed onto the rails vertically and are positioned just above ground level to the top of the post. Gaps of either 2" (50mm) or 3" (75mm) is general between pales.

Close Board



This type of fencing is the same as the Picket / Pale type. The main difference is that the Pales are fixed to both sides of the rails but staggered to create the look of a solid fence. Gaps on both sides are generally 80mm between the Picket / Pales.

Birdsmouth/Trip Rail/Knee Rail



We can recommend an alternative fixing method where the posts can be drilled through into the rail. Rails are then secured by countersunk screws and caps.

## Low Carbon Products Ltd

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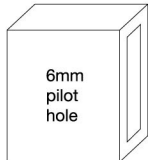
Registered Office: 1E, Beehive Mills, Hebble End, Hebden Bridge, Halifax, West Yorkshire, HX7 6HJ

Company Number 06903105 VAT Number 976 4519 73



# fencing

## Low Carbon Products recycled plastic fencing technical information



Please allow for expansion and contraction which would necessitate a 10mm-15mm expansion gap between rail ends inside post joint and when drilling rails to posts, drill holes should be slightly oversized by 3mm to accept screws or, as an alternative method, insert a 10mm slot which will allow movement in the fencing. Fully tighten all screws and then back turn screw, half a turn, anti-clockwise.

Use standard 3.1 metre lengths of rail by staggering the rail joints 1 metre to 1.55 metres maximum between posts. Rails should only be fixed through the central post, for mortised types, to allow the two ends to float for expansion and contraction. Always pre-drill to prevent splitting and screw bolt together wherever possible.

### Additional Options

#### TOPS AVAILABLE FOR POSTS

Black posts can have either flat, chamfered or bevelled tops. All birdsmouth/trip rail posts have inverted V notches and brown, grey or green posts are flat tops only.

#### MORTISING REQUIREMENTS

A mortising service is available to accept the rails for intermediate, corner and end posts. We will need clarification on where the mortises need to be positioned on the posts when any order is placed.

#### TOPS AVAILABLE FOR PICKETS/PALES

Flat or Semi-Circular

#### HEIGHTS OF FENCING

4' (1220mm) above ground level

5' (1525mm) above ground level

6' (1830mm) above ground level

### Sections Recommended

Posts	All Posts 100mm square x height required and an additional minimum of 500mm for below ground fixing.
Birdsmouth Rails	80mm square x 3100mm long or 100mm square x 3100mm long.
Rails	Depending on your choice of fencing colour, use 50mm x 100mm or 50mm x 120mm rails for post and rail types that will either be face fixed or mortised. 40mm x 100mm or 40mm x 120mm rails for picket and pale or close board types and for birdsmouth / trip rail types, 80mm square or 100mm square.
Palets / Pickets	Black palets would be 30mm x 100mm and brown, grey or green palets would be 35mm x 105mm.

### Recommended Centering of Posts

No more than 1500mm.

### Colours Available

Black



Brown



Light Grey



Green



Bright Yellow



Bright Green



Bright Blue



Bright Red



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