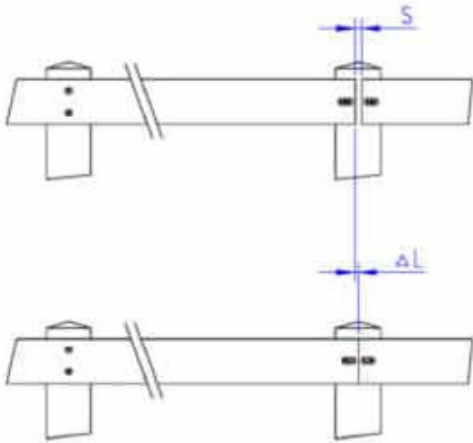


Technical Information for Using British Recycled Plastic for Fencing and Plastic Fence Posts



Recycled plastic artificial lumber expands and contracts around 5mm per metre for every 10 degrees Celsius change over around 12 degrees.

Please allow for this by creating a 10mm – 15mm expansion gap between rail ends inside post joint and when drilling rails to posts.

Drill holes should be slightly oversized (by approximately 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 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 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.

Posts:

General fencing such as post and rail – All posts 100mm square x height required and an additional one third for below ground fixing. The general rule is two thirds above ground and one third below.

Birdsmouth (Knee Rail) fencing – 80mm square x 3100mm long or 100mm square x 3100mm long with a V cut.

We recommend that post centres should be no more than 1500mm although 1000mm is even better.

Rails

Either 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 / knee rail types, 100mm square rails.

Pales

Use either 20x 100mm (available in 1200mm or 1800mm only), or 30mm x 100mm or 30mm x 150mm.

Get In Touch

If you are trying to install a product and you need advice please don't hesitate to get in touch today and our staff will do their best to help you.

Please take care to install your furniture or the project you are building on level ground to ensure it looks its best for decades to come. Please note that all dimensions quoted are subject to a tolerance of + or - 3%.



British Recycled Plastic is a trading name of Low Carbon Products Ltd. We offer a range of high quality 100% recycled plastic landscaping and construction products and outdoor furniture.



We often write about new products or trends on our blog. Click here to read more



For more information, please see our Technical Datasheet

Low Carbon Products Ltd.

Registered Office:

Unit 8F, Topland Country Business Park,
Cragg Road, Mytholmroyd,
West Yorkshire,
HX7 5RW

Telephone: 01422 419 555

E-mail: info@britishrecycledplastic.co.uk

Company No: 06903105 | **VAT Number:** 976 4519 73



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