Post & Rail Fence
Rail & Bracket Installation Guidelines

Thank you for choosing Future Post for your fencing needs!

Our recycled plastic posts and rails are designed to provide a durable, attractive and low-maintenance fencing solution for years to come. Like many outdoor building materials, Future Post rails naturally expand and contract with temperature changes. This movement primarily affects the length of the rails.

Our recommended bracket installation system has been developed to accommodate this natural movement, helping reduce stress on the fence and maintain its appearance and performance over time. Following these installation guidelines is important to achieving the best long-term results.

Installation Guidelines

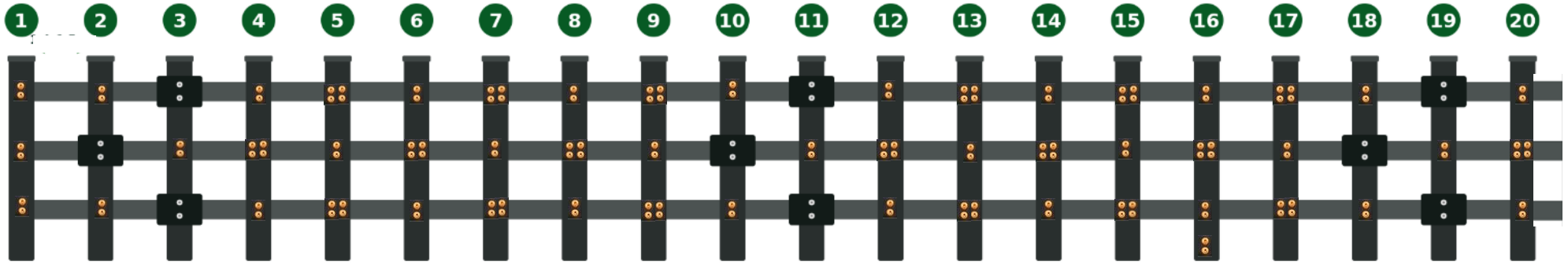
Step 1 – Storage and preparation: Keep rails and posts out of direct sunlight where practical and strapped in their crates until required. Avoid leaving individual rails exposed to excessive heat before installation.
Step 2 – Timing of installation: Where possible, install rails during the cooler parts of the day.
Step 3 – Post selection and spacing: We recommend Future Post square posts, which provide a larger contact surface for attaching rails. Space posts approximately 1450 mm centre to centre, allowing room to trim rail ends square and achieve a consistent finish.
Step 4 – Pre-drilling and screws: Use the recommended Bremick Fixconn Heavy Duty Construction Screws 16g x 125mm. Pre-drill using a 4 mm steel drill bit, as recommended for the high-density material. Ensure screw heads are seated flush **without** overtightening.
Step 5 – Rail installation: At the posts without brackets a) where rail ends join, rails are screwed directly to the posts using four screws b) where the middle of the rail crosses a post, rails are screwed directly to the posts using two screws. Rail joins are staggered on alternate posts. See brown screws on diagram below.
Step 6 - Bracket installation: Follow the bracket placement diagram on page 2. Install brackets only at the specified posts, ensuring they are positioned correctly to accommodate thermal expansion and contraction. See grey screws on diagram below. Leave a small gap between rail ends behind the bracket.

BREMICK Fixconn Heavy Duty Construction Screws



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Post and Rail Fence – Bracket Placement Guide



Bracket Pattern	**Rails 1 and 3** First bracket at Post 3 Then every 8th post Posts 3,11,19,27 …)	**Rails 2** First bracket at Post 2 Then every 8th post Posts 2,10,18,26 …)	➢ Allows for expansion and contraction ➢ Reduces stress on rails and posts ➢ Increased long term durability

Recycling

- If you use a drop cloth to collect swarf and plastic offcuts during installation, you can return these materials to our plants in Waiuku or Blenheim for recycling.

We appreciate your commitment to sustainable building practices and are here to support you every step of the way. Enjoy your new, durable, and low-maintenance fence! Please reach out if we can be of any assistance on +64 9 238 0199 or info@futurepost.co.nz