

## GRIPFAST Polybridge

- GRIPFAST Polybridge is a complete composite bridge comprising support framework, decking, handrails and posts which is made from glass reinforced polyester (GRP) and does not rot.
- GRIPFAST Polybridge is designed to be used as a pedestrian Right of Way footbridge in rural areas and is a direct replacement for timber bridges which are prone to rot and have a limited life span.
- The Polybridge is initially constructed by Polydeck at its factory in Bristol, to ensure all parts are correct, it is then disassembled, taken to site and re-fitted.
- The bridge is delivered to site in kit form, up to 5 metres in length and typically with a width of 1 metre.
- The entire bridge structure can achieve a load-bearing capacity of 5kN per sq.m (uniform distributed load) with a less than 1/200 deflection.
- The entire bridge, including walking panels, posts and rails are also made to look exactly like timber, with a wood grain effect moulded into the surface pattern.
- The Polybridge uses Polydeck's unique Bridge Decking planks which are made from non-rotting glass fibre and a light-weight structural foam core which is guaranteed to last at least 30 years. The foam core is made from 100% recycled material.
- The decking surface contains an integral anti-slip aggregate which makes the surface non-slip and safe to walk on.
- Decking planks can be supplied in a range of colours and patterns to suit the environment.
- The fitting of the bridge can usually be completed in one day and opened to the public immediately.

Polybridge being constructed on site in South Gloucestershire



Finished Bridge



Completed bridge in Dorset showing timber deck effect post s and handrails and castellated planks

