

FRP Bridge Decks...



Railway Bridge Deck



FRP Bridge Deck Complete Installation



Pipex px[®] Unique Advantages:

- px Manufactured offsite in prefabricated FRP units
- px Fast track installation reduces costly procession and site construction
- px High structural performance for vehicle loads
- px Virtually maintenance free lowering overall lifecycle costs
- px Lightweight materials– weighs 60% less than steel
- px Up to 60+ year design life dependant on application
- px Pipex px[®] FRP materials are corrosion resistant, versatile and robust

UK Sole Distributor of
Strongwell
Advanced Composites





During Installation

Complete Vehicular Bridge



Case Study– Moss Canal Vehicular Bridge

This project involved the fabrication and supply of 16 No bespoke fibre reinforced polymer (FRP) beams for a road bridge over a UK canal.

The bridge was comprised of 5 No large units supplied in measurements of 9M long x 1.8M wide and up to 2.7M wide, these were bolted together to produce the main structure of the road bridge deck.

The bridge support abutments required minimal strengthening due to the low weight of the Pipex px® beams in comparison to traditional steel or concrete.

Technical Details

- Pipex px® advanced composites meets BS EN 10204:2004 Type 3.1 Inspection Certificate testing



Tel Plymouth: +44(0)1752 581200

Tel Glasgow: +44(0)1698 818222

Email: sales@pipexp.com

www.pipexp.com