

BESPOKE CUSTOMER REQUIREMENTS



With 40 years experience, Pipex px® design and manufacture bespoke advanced composite (GRE, GRP, FRP, GRV) and thermoplastic (PP-H, HDPE, PE) products as a lightweight, corrosion resistant and cost effective solution compared to traditional construction materials.

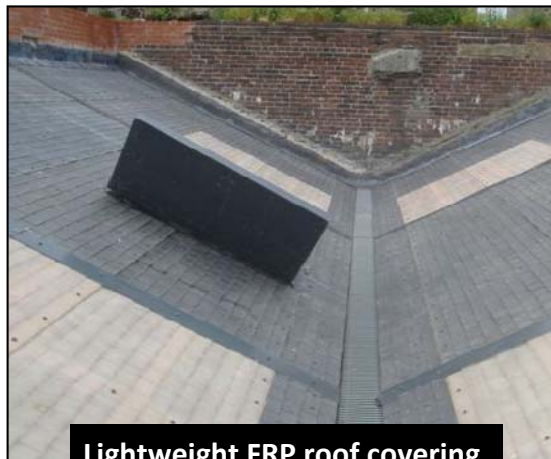
The combination of our high quality materials and unique manufacturing capabilities attains a product of superior strength, durability and longevity, whilst also providing significant weight savings, typically 1/3rd compared to traditional materials.



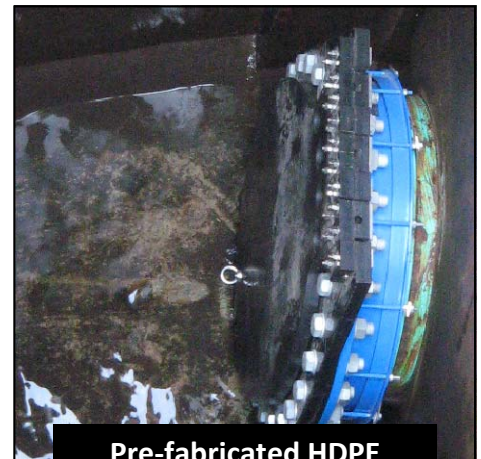
Bespoke resin infused access platforms for a Blow Out Preventer



Corrosion resistant FRP transport basket, Offshore



Lightweight FRP roof covering, Conwy Tower



Pre-fabricated HDPE tidal flap valve

Product Benefits

- All Pipex px® Structural Pultruded Profiles undergo First Article Testing and fully meet BS EN 10204:2004 Inspection Certificate Type 3.1
- Highly corrosion resistant and durable
- Product manufactured to suit project specific requirements
- Cost effective solutions
- Low maintenance reducing overall long term costs
- Lightweight materials enabling fast track installation
- Impact resistant
- Design life expectancy of 60+ years dependent on application

Unique Manufacturing Capabilities

Our unique capabilities enable us to produce bespoke products for our customers to any size or configurations required. In addition we spearhead innovative new product development and can produce our own custom made machinery, which enables us to manufacture virtually anything from thermoplastic and composite materials.

Capabilities include;

- Advanced Composite Design and Manufacturing to code and/or client specification
- Nastran Finite Element Analysis (FEA) and Caesar II Analysis
- Specialist Composites Design and manufacturing software through Anaglyph®
- Laminate Tools
- Design resources that include Autodesk® Inventor & AutoCAD as well as Tekla structural design software
- Automated machinery and specialist closed mould manufacturing
- Dedicated R&D facilities

Please contact us to discuss your project requirements

FRP Ventilation Tank for Waste Water Treatment Plant



Polypropylene condensate pod for large supermarket chain



FRP & HDPE Headwall for Protection of wildlife



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