

GRP Covers for Odour Control

Products & Services

Product Offering

- **Design**
 - ⇒ Custom Solutions
 - ⇒ Structural Design / Verification
 - ⇒ Material Selection
 - ⇒ Operational Design
 - ⇒ H&S Design
 - ⇒ 3D Modelling
 - ⇒ Detail Fabrication / Installation Dwgs
- **Manufacturing**
 - ⇒ Base materials
 - ⇒ Fabrication
 - ⇒ Total QC
- **Installation**
 - ⇒ Dedicated experienced GRP teams
 - ⇒ All relevant training
 - ⇒ All relevant insurances

Manufacturing Processes

- Open moulding
- Closed injection moulding
- Pultrusion
- Vacuum infusion
- GRP Fabrication
- Thermoplastic Fabrication

Raw Materials

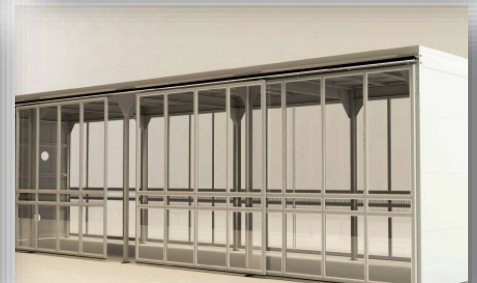
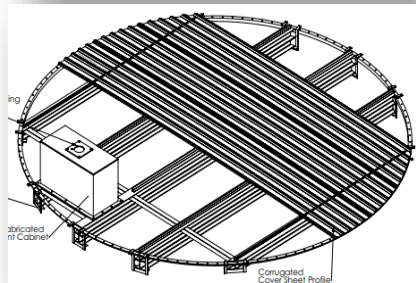
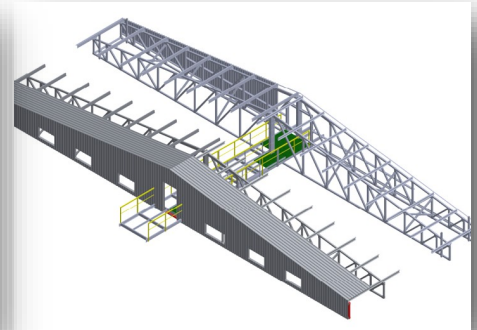
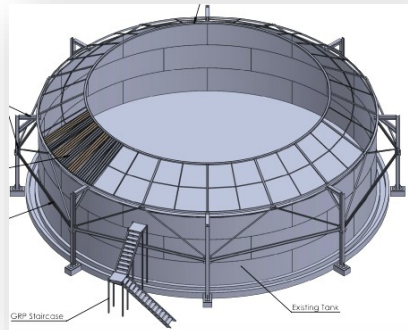
- Glassfibre roving/fabrics
- Iso Polyester and Vinyl ester resins
- Resin UV Inhibitors
- Surface veils
- Class 1 Fire Retardancy

Structural GRP Covers

- Various Support Beams
- Walk-on Cover profile
- Non Walk-on Cover profile

Design Standards

- BS EN 1991-1-1:2002
- Water Authorities



Fabricated GRP /Thermoplastic Covers



Installation



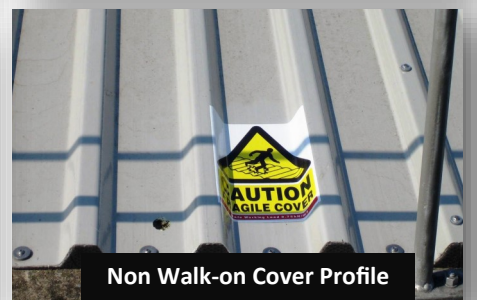
Pultrusion Process



Fabricated GRP Profiles



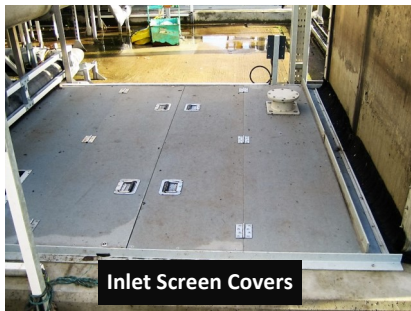
Walk-on Cover Profile



Non Walk-on Cover Profile



GRP Cover Applications



Inlet Screen Covers



Pump Chamber Covers



Grit Lane Covers



Perimeter PST Covers



Sludge Holding Tank Cover

Inlet Works

- ⇒ Channels
- ⇒ Screen Areas
- ⇒ Pump Chambers
- ⇒ Screw Pumps

Grit Removal

- ⇒ Detritors
- ⇒ Grit Channels

Accessories

- ⇒ Penstock Covers
- ⇒ Instrumentation
- ⇒ Hatches
- ⇒ Curtains
- ⇒ Pipe penetrations
- ⇒ Fresh Air Intakes

Primary Settlement Tanks (PST)

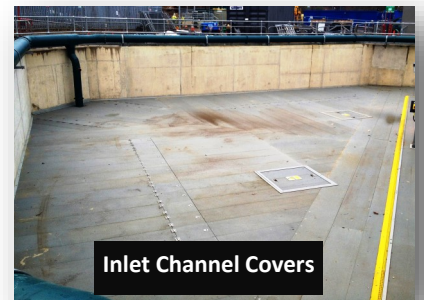
- ⇒ Perimeter
- ⇒ Walk through

Sludge Handling

- ⇒ Sludge Holding Tanks
- ⇒ De-sludge Chambers
- ⇒ Skips

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Inlet Channel Covers



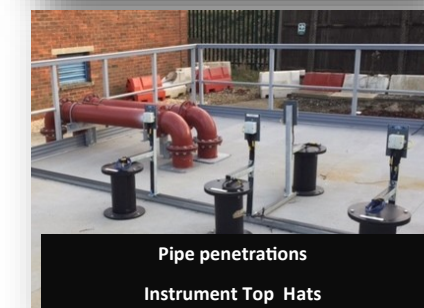
Inlet Screen Covers



Storm Tank Covers



Walk Through PST Covers



Pipe penetrations
Instrument Top Hats



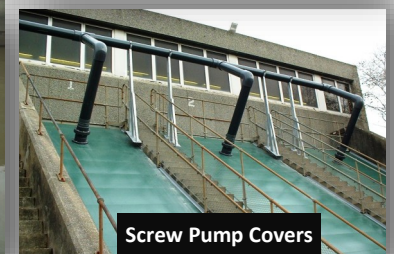
Sludge Skip Covers



Access Hatch



PVC Curtain Odour Seal



Screw Pump Covers