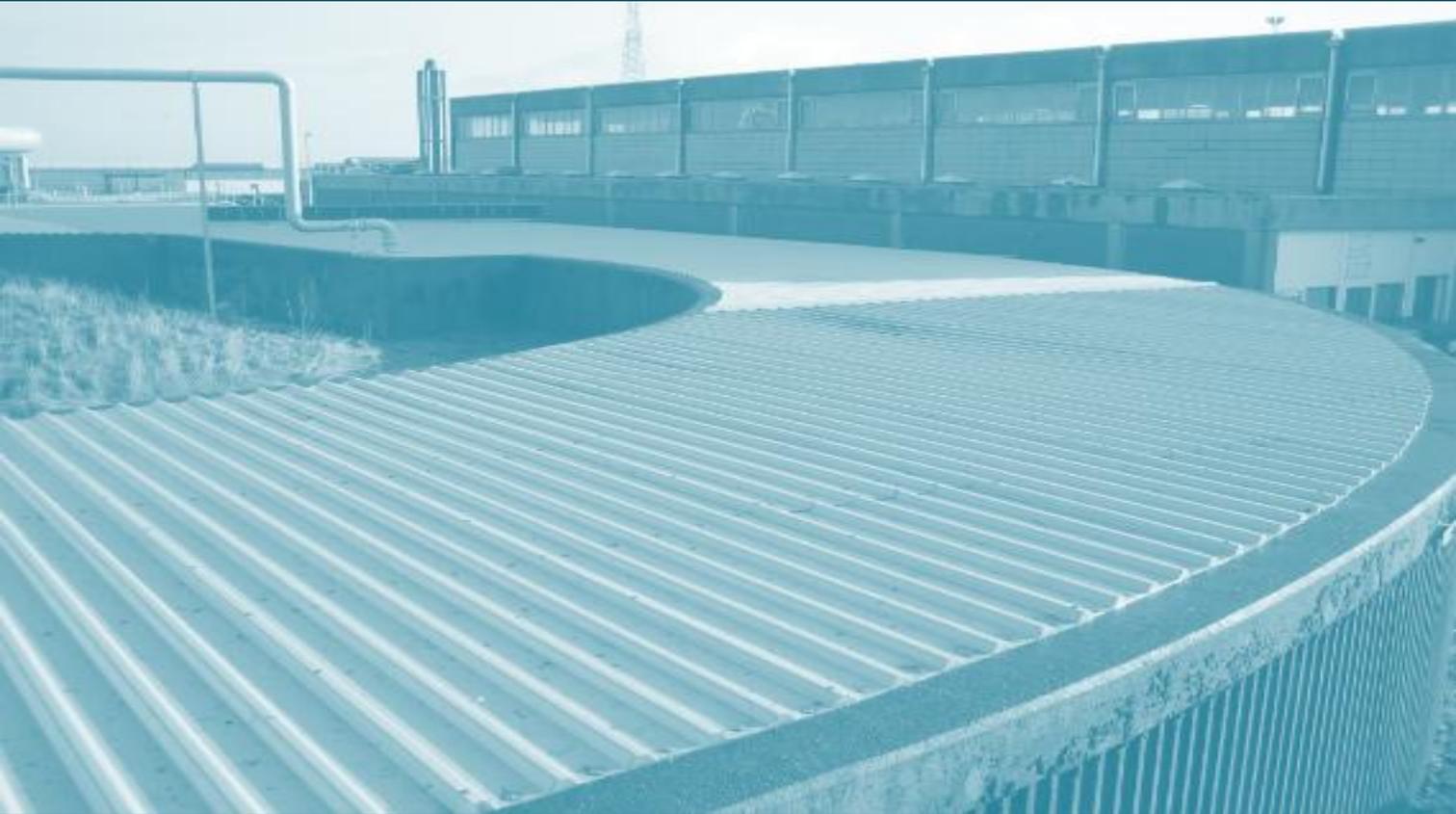
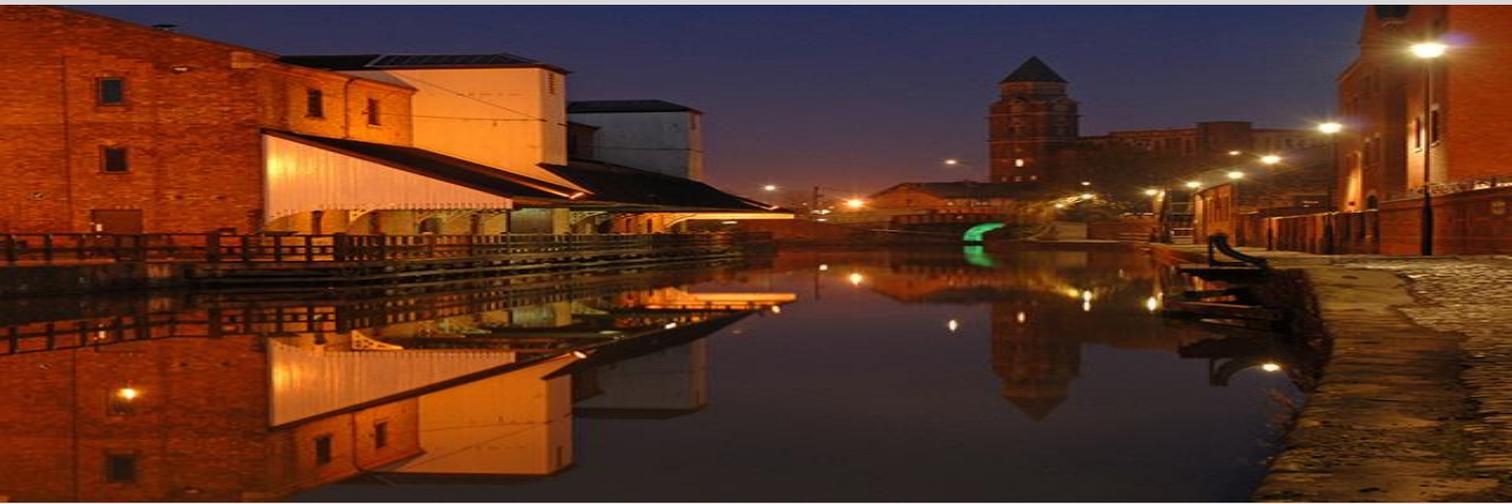


# Captrad Ltd



**grp covers**



## Captrad Ltd

Was established in 1999 based in Wigan in the North of England. Originally Captrad Ltd supplied Industrial Chemicals into various industries across the UK., and as time passed we were always looking for new business opportunities and thus this is how we have ended up supplying a wide range of Composite Products across the world.

As a result Captrad Ltd has tried to bring the whole composite solution under one umbrella. Thus we now have customers from a variety of industries from: Rail, Offshore, Constructions, Civils and Water, all being able to purchase quality products from one place ensuring continuity of service.

We have been able to set up a network of satellite offices around the world to help improve and maintain customer services

# GRP Covers

## Type of Supports

- Structural GRP Profiles
- Stainless steel fasteners
- Stainless steel fittings

## Type of Covers

- Odour Covers
- Dirt covers
- Machine covers





## GRP Covers

### Areas to Cover – Sewage Treatment

- Inlet Channels
- Detritors
- Screen Area
- PST's
- Sludge Tanks
- Outlet Channels
- Wet Wells
- Pumping Stations
- De-sludge chambers
- Screw Pumps

### Areas to Cover – Clean Water Treatment

- Inlet Channels
- Screen Area
- Lamellas
- Settling Tanks
- Outlet Channels



## **GRP Covers – Design Principles**

- Design Process
- Project Specification
- CDM Requirements
- In house conceptual design
- External design validation by qualified GRP structural engineers
- In house manufacturing /installation drawings
- Design Integration
  - Ensure integration with rest of Installation

## **GRP Covers – Design Principles Calculations**

- General Load conditions
- Fully Walk on = UDL of up to 5 kN/m
- Wind & Snow = Typical UDL of 0.75 kN/m
- Deflection
- GRP Supports =  $L/200$
- Covers =
  - Walk On =  $L/200$
  - Non-Walk-on =  $L/100$
- Specifications
- British /European Standards
- Water Authorities

**Before**



**After**



**Before**



**After**



# Captrad Ltd

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