

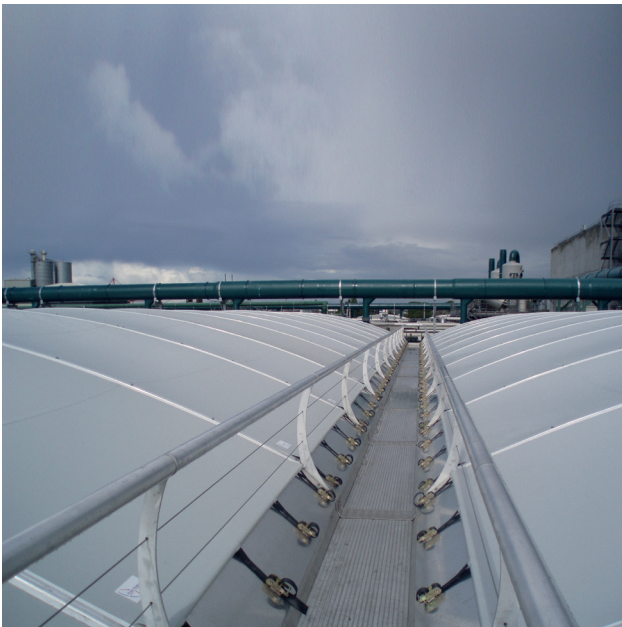


COMPANY PROFILE

POWER PLASTICS LIMITED
Thirsk, North Yorkshire, YO7 1PZ.
+44 (0)1845 525 503
www.powerplastics.co.uk

Established for over 40 years POWER PLASTICS has a long history as a Tensile PVC manufacturer, although the Power Plastics of the late Sixties bears little resemblance to the high-tech company operating today.

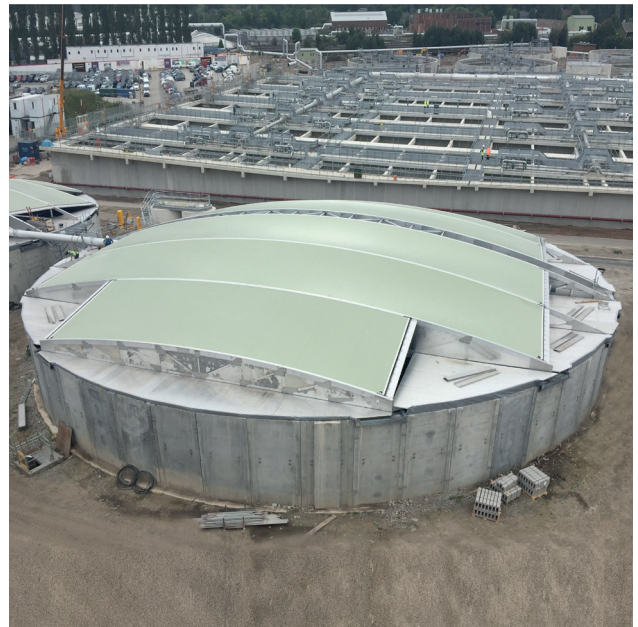
Our high-performance fabric manufacturing & engineering team provide unique cost-effective solutions to a wide range of industries with a growing focus on the Water, Wastewater & Bioenergy markets around the world.



Although we began life as a small fabricator of high-performance textile products we have grown significantly and diversified across many different market sectors throughout our history. We have supplied our products and services around the globe and now many of our projects not only involve the same high-performance textile manufacturing that remains at our core but also other complimentary materials with very high content of aluminium structural components which are now produced in our own manufacturing facilities in the north of England.

Working in partnership with project developers, consultants, contractors & process engineers we are considered by our clients as a market leader in our field and are renowned for the overall quality of service that we provide.

We are able to provide a turnkey solution covering not only design and manufacture but also site installation. Our structures and membranes are installed using our dedicated site trained fitting teams under the strict supervision of our



project managers. We cover all areas of site safety developing risk assessments and method statements with our project managers whilst ensuring CDM compliance at all times.

Although we have developed a range of products we also work with clients to provide bespoke solutions to their problems. Through our wide range of experience and our dedicated engineering & leadership team we haven't found a problem yet that couldn't be solved !

REMOVABLE PVC ODOUR CONTROL COVERS

Our high-performance PVC fabric roofs used over process tanks and wet wells are extensively utilised within the Wastewater Industry. The fabric covers are easily removed to allow unrestricted inspection and maintenance of the tank process when required.

The tanks are covered using a number of fabric membranes typically up to 10m in width with the supporting frame manufactured from aluminium and stainless steel components, it is extremely resistant to the effects of corrosive gases such as H₂S as found within many sewage treatment works.

Typically the roofs are used for odour control purposes and we are also able to incorporate aluminium decking and inspection hatches into these designs.



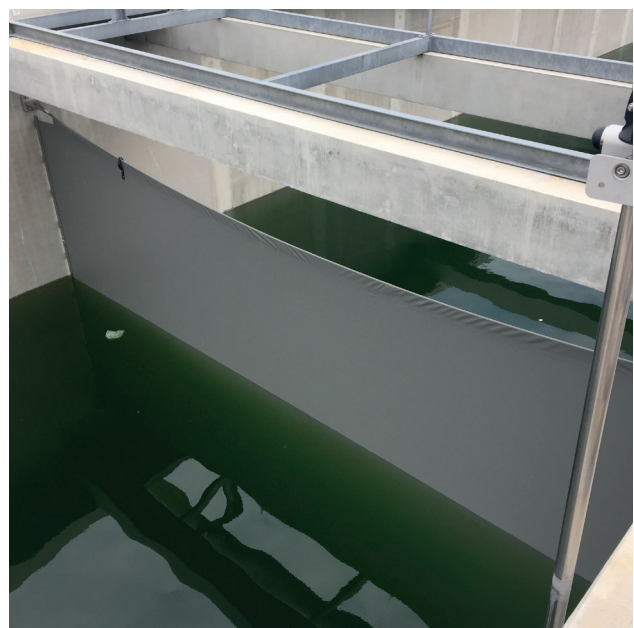
DWI APPROVED PVC MATERIAL

RIVERTEX® APO POWERPLAS® is a brand new polymer fabric that has been in development for over 4 years and has recently completed rigorous DWI testing & approval process.

The fabric is a non-toxic, two-layer polymer with an internal scrim which achieves a far greater tear strength than other materials but with a greater flexibility.

For the first time, water industry users can bring this new material into their supply chain in the form of Storage Tank Liners, Baffle Curtains, Sludge Cones & Water Storage Bags, confident that all the standards for potable water have been met and exceeded.

In addition to our DWI Approval RIVERTEX® APO POWERPLAS® is also WRAS Approved & meets the requirements of BS6920



ALUMINIUM DECKING ODOUR CONTROL COVERS

Our unique aluminium flat decking system has been developed to offer a flexible, high quality and environmentally friendly odour control tank cover solution.

The system consists of interlocking aluminium profiles laid directionally to form an effective odour control cover on either rectangular or circular tanks. The decking boards are installed to be fully removable, with minimal labour requirements.

Our standard aluminium decking system has been tested to BS7976-2 in line with HSE recommendations and obtained the British Standard classification of 'Low Slip Risk'

The product was tested in both wet and dry conditions and achieved the minimum value for 'Low Slip Risk' classification in both conditions.

The aluminium decking system is 100% recyclable, with as much as 20% of the cost of the product recoverable at the end of the life cycle, turning the product into a physical asset for the end client.

The product also helps to significantly reduce the carbon footprint of the project.



DOUBLE MEMBRANE GAS HOLDERS

POWER PLASTICS have been manufacturing Double Membrane Gas Holders since 2012 and now have the largest reference list of any UK membrane manufacturer with over 150 installations around the world.

We utilise a range of specially formulated, high quality, reinforced thermoplastic materials intended for the storage of Biogas with varying membrane strengths utilised to give the optimum operational performance whilst maintaining rigorous safety factors and standards.

All our biogas storage solutions are fully supported by structural calculations to give you the ultimate confidence in the finished installation for many years to come.

Our Gas Holders can be provided as Ground Mounted units or can be mounted directly on top of the Digestion Tank to provide a Gas Storage Roof; we can also incorporate accessories such as access platforms, service boxes etc.



In addition to spherical gas holders and circular tank roofs we can also provide solutions for rectangular tanks and lagoons of any size and shape.

SINGLE MEMBRANE TANKS COVERS

A cost effective, high quality cover for all circular tank types. The full range of covers has been specially developed to provide a durable and long-lasting solution for either new build or retro-fit applications on slurry, rainwater harvesting or storage tanks for agricultural, municipal & industrial wastewater applications.

All our covers are fully supported by structural calculations certified by a chartered structural engineer with fully insurance cover.



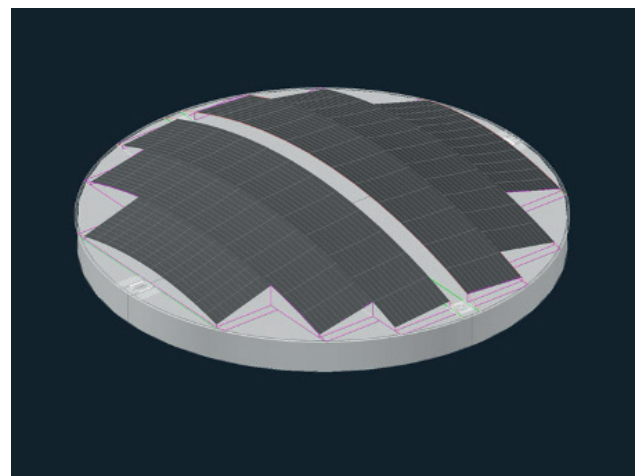
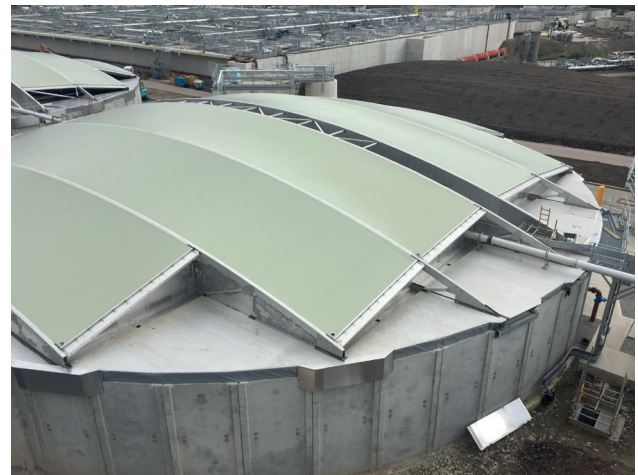
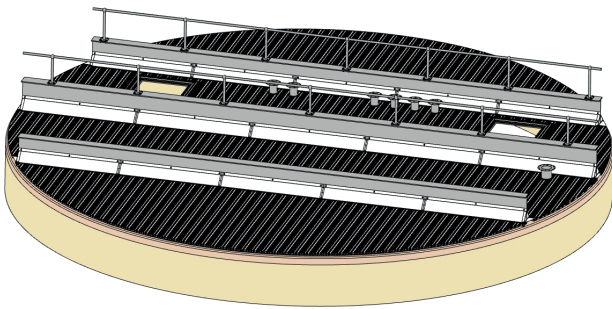
Our technical expertise covers all structural engineering aspects for the design of fabric & aluminium products. Having our own internal 3D CAD team we are able to design structures right from concept through to completion using specialist design software such as AutoCAD and AutoDesk Inventor.

In the case of our fabric structures we use specialist form finder software to create bespoke tensile membranes which are not only practical but incorporate distinctive elegant forms due to the unique flexible characteristics of modern day fabrics.

We bring an open mind to every project, incorporating our engineering and fabrication know-how, in order to create right-first-time solutions where none existed before.

The results can be seen in the construction business, the water industry, renewable energy and biogas projects all over the world.

In addition to our in-house Engineering Team we also utilise 3rd Party Structural Engineers to verify and support us and our customers in the design of our projects.

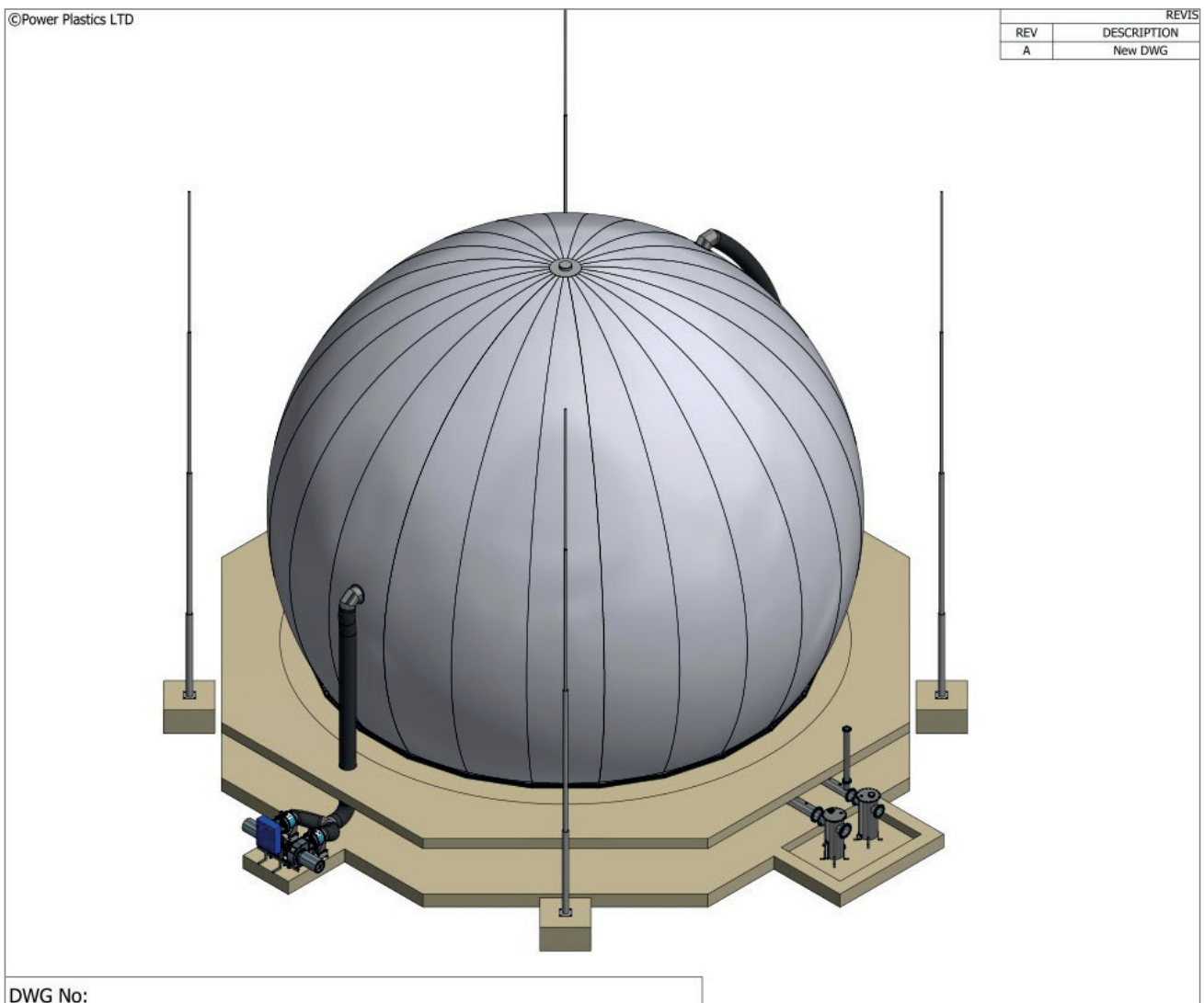


Right from the outset of a project there is two way communication between our Engineering Team and our clients. We ensure that we identify, eliminate and control hazards relating to design risks by means of Design Risk Assessments to reduce the risks to an acceptable level. Regular reviews are undertaken by all to ensure that proper consideration is given to build ability, usability and maintainability through both the Client / Principle Contractor.

It's our business to see a project through from draft design to successful installation.

Computer-aided design and laser measuring now go hand in hand with our superb cutting and welding skills to allow us to design complex solutions to the challenges our customers face.

All our covers are designed and detailed in-house by our own engineering team and then fabricated at one of our 3 manufacturing facilities in the north of England.



All manufacturing facilities contain the most modern automated cutting and high frequency welding equipment in the industry with all our processes and procedures certified to the most rigorous third-party standards including ISO 9001, 14001 & 18001.

In addition to the above our CE certificate covers the design and manufacture of structural components intended for load bearing applications as covered by BS EN 1090.

Our certification covers structures right up to execution class 4.

CE marking regulations EN 1090-1; 2009+A1; 2011 require that anyone carrying out design is certified to carry out the design; Power Plastics are certified to design methods 1; 2; 3a and 4b.



Company Name :	POWER PLASTICS LIMITED
Head Office Address : (also Registered Office)	STATION ROAD THIRSK NORTH YORKSHIRE YO7 1PZ
Telephone Number:	+44 (0)1845 525503
Website :	www.powerplastics.co.uk
No of Employees :	Office:12 Manufacturing:58 Site:0-20 Depending on Project Work
Head Office & Manufacturing:	Office: 8,000 sq feet Manufacturing:20,000 sq feet Storage:10,000 sq feet
Manufacturing Site 2:	Manufacturing:20,000 sq feet Storage:10,000 sq feet
Manufacturing Site 3:	Manufacturing:20,000 sq feet Storage:10,000 sq feet
Company Registration :	04328236 - Registered in England & Wales
VAT Registration :	GB 8044557824
UTR Tax Reference :	55447 04738

Financial Information :	Current Audited Accounts & Financial Information is available in the public domain from Companies House.
Trade References :	Available on Request
Insurance Summary :	Employers Liability - £ 10,000,000
Public/Products Liability	£ 10,000,000
Contractors All Risk	Sourced Per Project



POWER PLASTICS are committed to managing Quality, Health, Safety and the Environment effectively to protect our employees and other persons with who we interact or who may be affected by our works, because we recognise that we have not only a moral and legal duty to do so but because we appreciate that they are our greatest asset.

Our Policy Statements set out our commitment and the objectives we aspire to in managing quality, health, safety and the environment. It is signed by the Managing Director to demonstrate that our commitment is led from the top. The Policy is reviewed annually.



Our approach to managing QHSE is pragmatic and proportionate and is prioritised according to risk with the objective of maintaining continuous improvement. We accept that we cannot eliminate risk from everything we do but we can manage risk in such a way that exposure to hazards is controlled as far as is reasonably practical.

We recognise that improvements in QHSE will not happen by chance and that planning to manage using a systematic approach through risk assessment is a necessary first step and an ongoing process.



In moving forwards we will wherever possible eliminate risk through selection and design of buildings, facilities, equipment and processes. Where risks cannot be eliminated they will be minimised by the use of physical controls or, as a last resort, through SSOW and personal protection.



ISO 9001:2015

Issued By :

Scope :

Expiry Date :

Certificate No: 6341-QMS-002

ALCUMUS ISOQAR

The design, fabrication and installation of flexible covers, using metal, pvc, polyethelene & polypropelene

7th November 2022



ISO 14001:2015

Issued By :

Scope :

Expiry Date :

Certificate No: 6341-EMS-002

ALCUMUS ISOQAR

The design, fabrication and installation of flexible covers, using metal, pvc, polyethelene & polypropelene

22nd March 2022



BSOHSAS 18001:2007

Issued By :

Scope :

Expiry Date :

Certificate No: 6341-SSP-002

ALCUMUS ISOQAR

The design, fabrication and installation of flexible covers, using metal, pvc, polyethelene & polypropelene

12th March 2021



EN 1090-1:2009+A1:2011 Certificate No: 1224-CPR-0613

Issued By :

Scope :

Constructionline

EXOVA BM TRADA

Structural Steel Components intended for Load Bearing Applications, Upto Execution Class EXC4

Registration No: 135226



Daveyhulme WWTW

End User : United Utilities
Customer : Laing O'Rourke
Description : 6 x 42m Diameter Settlement Tank Covers with Removable Sections & Central Man Access Bridges
Materials : Aluminium & PVC
Date of Installation : January 2016
Contract Value : £ 1,300,000



Deephams WWTW

End User : Thames Water
Customer : AMK Joint Venture
Description : Odour Control Covers over Rectangular Primary Settlement Tanks, Anoxic Tanks & Pumping Stations
Materials : Aluminium & PVC
Date of Installation : October 2015
Contract Value : £ 4,200,000



Liverpool SBR

End User : United Utilities
Customer : GCA Joint Venture
Description : Removable Covers & Structures over 8 x SBR Reactors with Integrated Walkways
Materials : Aluminium & PVC
Date of Installation : October 2013
Contract Value : £ 2,100,000



Portswood WWTW

End User : Southern Water
Customer : Galliford Try
Description : Odour Control Decking
Installation over Live Inlet Works
and Equipment
Materials : Aluminium
Date of Installation : February 2018
Contract Value : 750,000



Grafham Water

End User : Anglian Water
Customer : Black & Veatch
Description : Removable Covers & Associated
Portal Frames over Second Stage
Settlement Tanks
Materials : Aluminium & PVC
Date of Installation : October 2013
Contract Value : £1,000,000



Ringsend (Dublin) STW

End User : Celtic Anglian Water
Customer : Enpure
Description : Removable Odour Control
Covers over Rectangular Lamella
Tanks
Materials : Aluminium & PVC
Date of Installation : August 2008
Contract Value : £1,450,000



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