



# Glass Fused Storage Tanks



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# Glass Fused Storage Tanks



For over 25 years, BlueScope Water Tanks have designed, manufactured and installed liquid storage solutions across a wide range of industry sectors including oil and gas, mining, industrial, fire, agricultural and municipal applications.

We are proud to introduce a strategic partnership between BlueScope Water Tanks and GLS Tanks of Europe to deliver an unrivalled product and service offering for Glass Fused Steel Storage Tanks. Both companies are the most experienced and respected names in the tank storage industry.



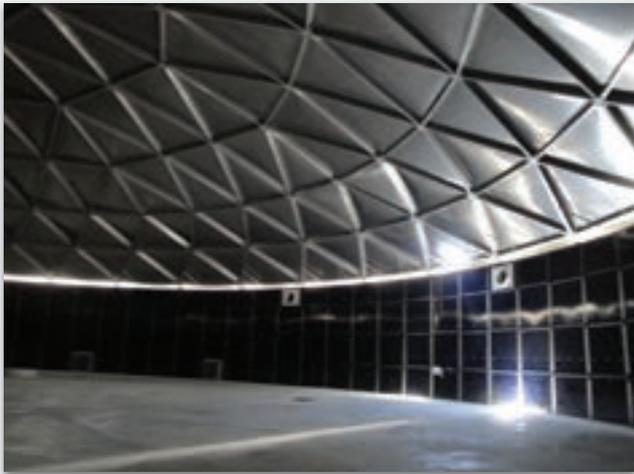
Engineered to meet the operational and environmental challenges of industrial, commercial and resource sector applications, our Glass Fused Steel Storage Tanks are manufactured for strength, durability and reliability and are pre-engineered and pre-fabricated for fast and economical on-site construction.

Glass Fused Steel Storage Tanks are specifically designed and manufactured for above ground storage of water, waste water, fire and industrial liquids. We also offer solutions for Biogas Digesters, Slurry Tanks, Leachate Tanks and Flocculation Tanks

The unique partnership with GLS Tanks combines the leading field-proven products available in Europe with the provision of local Australian customer service and expertise, plus safe and efficient construction systems by BlueScope Water Tanks.

## ABOUT GLS TANKS

For over 30 years GLS Tanks has been a market leader in modular glass fused steel storage solutions. Their expertise in planning, producing and assembling enameled tanks and silos takes their business across the globe. They employ modern state of the art manufacturing methods which are in accordance with international standards and this ensures the highest quality products.



## PRODUCT

- Glass Fused Steel Storage Tanks from 81kL to 10ML gross capacity
- Manufactured in ISO9001:2008 quality controlled facilities
- Ideally suited for ground storage of water, waste water, fire and industrial liquids We also offer solutions for Biogas Digesters, Slurry Tanks, Leachate Tanks and Flocculation Tanks
- Steel panels baked to 840° Celsius creating the ultimate in fusion of materials for a highly durable surface bond
- Enamel quality mark according to European Enamel Authority
- Domed Steel, Glass Lined and Geodesic roof systems available
- Ladders and Platforms to AS1657



## ULTRA GLASS

Ultra Glass coating is setting the standard for glass fusing technology across the globe. Ultra Glass is the process of fusing inert glass layers to steel in order to produce a highly durable corrosion protection layer. Our tank panels are baked at a high temperature (840° Celsius) creating the ultimate in fusion of materials for a highly durable bond.



## SPECIAL DESIGN BOLTS

A uniquely developed bolt system which is exclusive to this product has been developed to avoid co-rotation during erection of the storage vessel. Bolt systems commonly used by others are prone to damaging the glass fused coating at the edges of a bolt hole, creating vulnerabilities in the fusion coating, potentially leading to premature corrosion or leaking.



## UNIQUE CENTRE POINT PLATE

One of the primary features of our glass fused steel technology is how the panels are bolted together. These tanks use a chequered formation while other Glass Fused manufacturers overlap their panels. When panels are overlapped they create an immediate opportunity for a leaking channel between panels and usually this is tightened with sealant. In the GLS system panels are totally metal tight because a stainless steel plate is used around every joint and tightness is not dependent on any sealant. Another advantage with this system is the ease of which you can disassemble and reassemble panels in the future.



## RING GROOVE CONNECTION

An important and critical item in the tank build is the connection between the tank wall and the foundation. Through years of experience a superior technique has evolved. By installing a ring groove in the concrete foundation it creates a connection between the foundation and tank walls which leads to 100% water tightness.



# Why BlueScope Water Tanks?

Sourcing products from one of the leading global suppliers in Glass Fused Steel Storage Tanks is only one part of the solution. In the evolving Australian industrial sector, local operators are looking for innovative water management solutions that bring together safety and environmental leadership, risk management, superior service and local content to create a commercial advantage. Partnering with an Australian company with the reputation and credentials of BlueScope achieves all of these objectives.

## CAPABILITY

We are experienced in providing turnkey solutions from initial civil works through to safe and efficient tank construction and commissioning. Our in-house engineering and design capability allows us to create innovative and customised solutions to meet specific applications. Our in-house project management and construction capability ensures we are in control of all stages of the project from concept to commissioning and we will manage risk appropriately throughout the process.



## SAFETY LEADERSHIP

BlueScope Water Tanks operate under one of Australian industries leading Health, Safety, Environment and Community (HSEC) Policies. Our goal is **Zero Harm**. Our fundamental belief is that all injuries can be prevented. Our Safety and Environmental Management Standards ensure a company-wide focus on maintaining the health and safety of our employees, customers and contractors. These standards also embrace our care for the environment and the communities in which we operate.



## RISK MANAGEMENT

BlueScope Water Tanks is the most experienced water storage solutions provider in Australia. Providing innovative water management solutions in Australia and around the world for over 25 years builds capability, experience and resilience. Our long reference list of global and local clients and successful projects provides the high degree of confidence in risk management that is expected.

## LOCAL CONTENT

BlueScope Water Tanks is committed to local industry participation by using locally sourced installers and portion of materials for installation, site preparation and relocation services and believes strongly in harnessing local experience, knowledge and infrastructure.

## COMMERCIAL ADVANTAGE

BlueScope Water Tanks will deliver a long term Glass Fused Steel Storage Tank strategy to maximise your commercial advantage. Our tanks have the strongest corrosion and abrasion resistance on the market. A longer tank life results in lower cycle costs which provides a quicker Return on Investment. We also offer ongoing scheduled maintenance, inspection and monitoring programs.

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