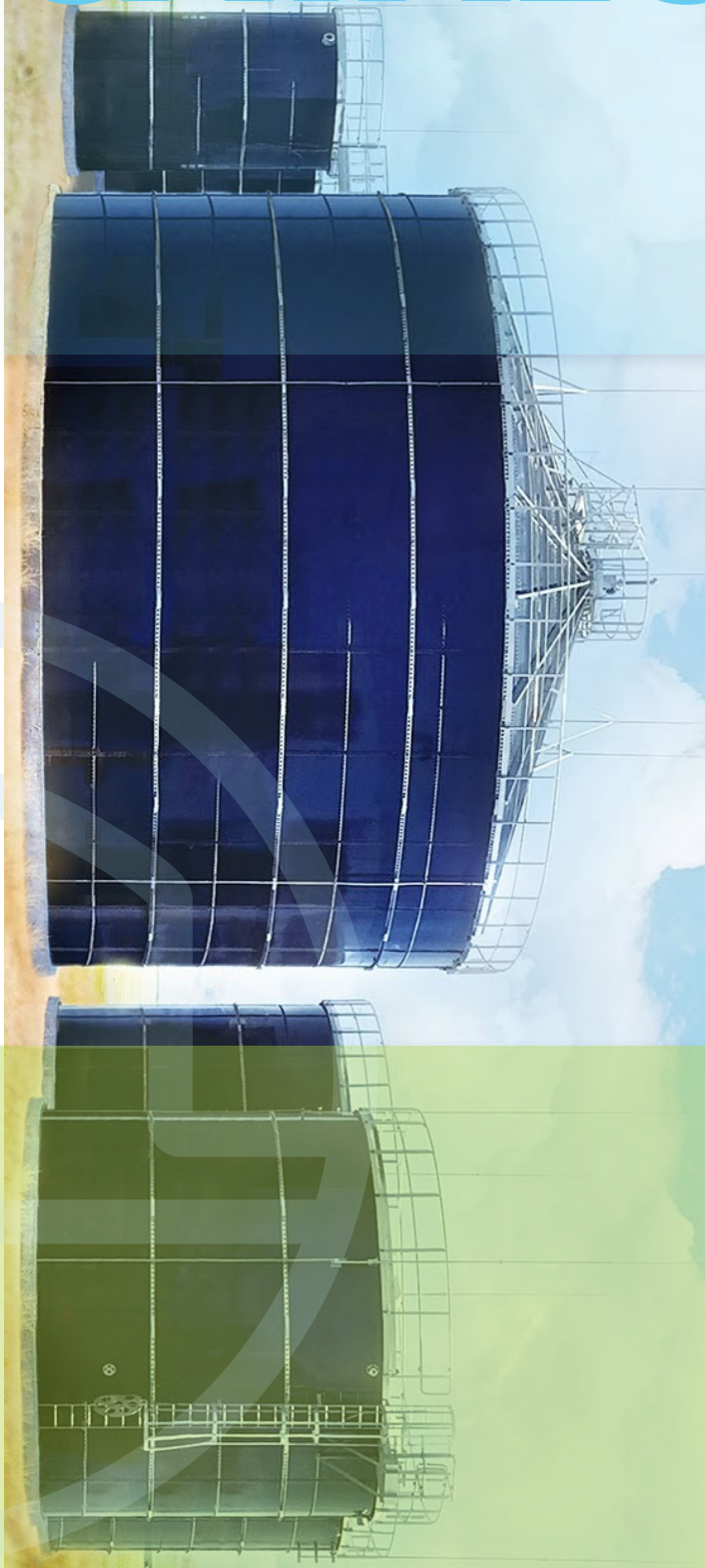




CATALOGUE

**REQUILIBRIUM GROUP
ALPHA AGUA SUSTENTABLE**



PREFABRICATED TANKS (GLASS FUSED STEEL)





ABOUT US

“COEXISTENCE IS LIVING”, We are a group of Mexican companies, originated in Europe and named: Reequilibrium Group, which is created with the conviction of working to recover re-balance and stabilize what is out of balance.

Reequilibrium Group will live, operate, invest, learn, study and teach with the ideal that we have almost lost; to respect our planet, the environment and the living beings with which we share life.

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OUR PRODUCTS



MANUFACTURING OF PREFABRICATED STORAGE TANKS (GFS)

What is Glass Fused Steel?

Glass fused to steel (GFS) is a unique tank finish with beneficial attributes.

The function of glass with steel perfectly combines the properties of both: the strength and flexibility of steel with the anti-corrosive properties of glass.

Custom-made designs, high capacity to remain in optimal conditions in adverse environments.

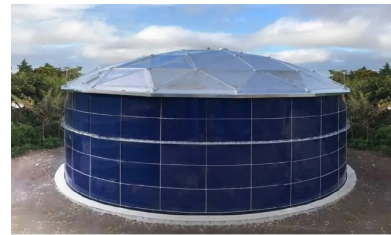
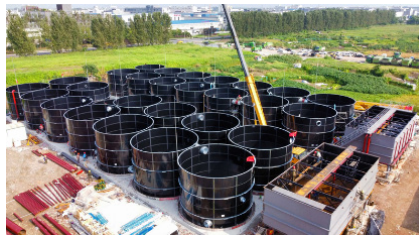


APPLICATION AREAS

Advanced storage tank solution.

They are widely used in the hydraulic sector for the storage of drinking water, leachate from landfills, healing of municipal and industrial wastewater, as well as anaerobic reactors (UASB), secondary decanters, biofilters, etc. Also to storage grains, seeds, foods, minerals, plastics and other uses.

- **Storage and distribution of water or liquids.**
- **Bulk or dry storage.**
- **Water treatment and sanitation.**
- **Energy and power.**



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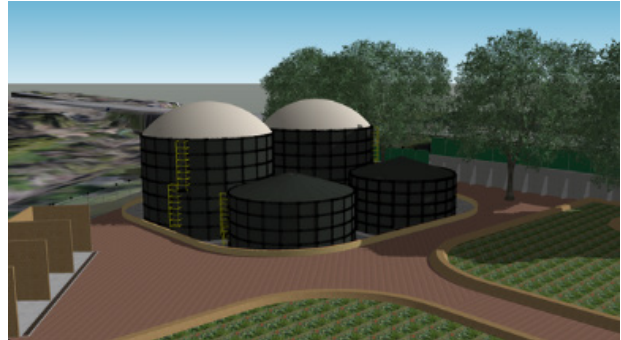
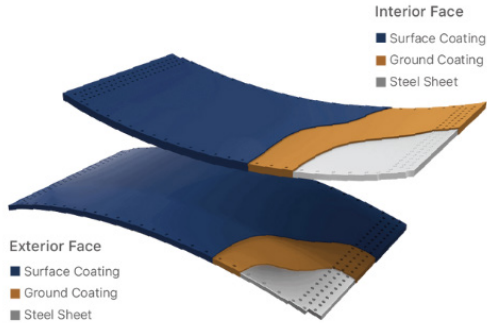
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OUR TECHNOLOGY

Glass are fused to steel finishing is the **premium coating technology**, also known as **"enamel"**, in the storage tank market.

They fused at a temperature of 820°C-930°C, which causes the molten glass to react with the surface of the steel plate. This process takes full advantage of the optimal performance of both materials, forming a robust and corrosion-resistant union.

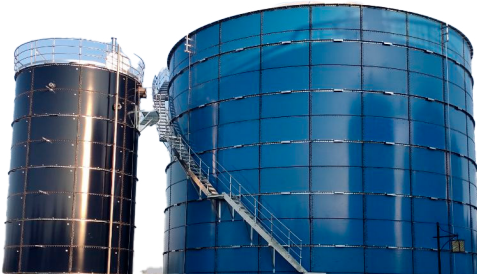


ENAMEL TECHNOLOGY

2C1F, 2C2F, 3C3F

Coating	2C1F (2 coating 1 firing)	2C2F (2 coating 2 firing)	3C3F (3 coating 3 firing)
Application	<ul style="list-style-type: none"> • Agriculture water. • Fire water storage. • Drinking water storage. • Sludge tank. • AD tank (liquid area). • Filter tank, dry bulk storage (open roof). 	<ul style="list-style-type: none"> • Industrial wastewater. • Treatment. • Sea water. • Landfill leachate. • AD tank (gas area). • Municipal sludge treatment (with roof) 	<ul style="list-style-type: none"> • Special application. • Irritant wastewater treatment. • Chemical- Industrial wastewater. • High temperature application.
PH	3-10	2-10	2-11
Coating thickness	210-430um	240-460um	270-480um
Test method	Holiday test	Holiday test	Holiday test
Testing voltage	900V	1500V	1500V
Tank color	Black blue	Black blue, dark green, other customized colors.	Black blue, dark green, other customized colors.

OTHER STORAGE SOLUTIONS



FUSION ADHERED EPOXY TANKS

Innovative fusion-adhered epoxy coating technology. High quality, reliable and environmentally friendly epoxy resin tank solutions.

They have exceptional performance, including excellent impact resistance, durability, low-cost manufacturing, and advanced design principles.

STAINLESS STEEL TANKS

Excellent designed storage solution made from high quality stainless steel, providing exceptional durability and corrosion resistance.

Easy to assemble and quick to install as they are assembled by connecting stainless steel panels with bolts.

Additionally, if required, the stainless steel bolted tanks can be easily dismantled and relocated to a new position, offering a flexible storage solution.



GALVANIZED STEEL TANKS

They are an economical way to store liquids and are mainly used for the storage of fire water, drinking water and irrigation water.

Strictly designed to comply with AWWA D103-09 standards and galvanized according to GBT13912-2020 standards.

Easy to transport to the project site, easy to assemble and can have a durable interior and exterior finish.

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WHY CHOOSE US?

GREATER PROFITABILITY

Short construction period.

DURABILITY

Superior corrosion resistance, a useful life of more than 30 years.

FUNCTIONALITY

Easy to install, no large installation equipment required and/or highly skilled labor.
Tank volume expands easily.
It can be dismantled, removed and relocated.

ORIGINALITY

Elegant design, tank color can be customized.

WE OFFER: Design - Calculation - Project - Sale - Installation - Supervision - Long term follow up.

CERTIFICATIONS



REFERENCES



Europe
Anaerobic Biogas Digester



Central and South America
Sewage water treatment plant



North America
GFS-Landfill Leachate Tanks



Africa
GFS Anaerobic Digester Tanks

AN INNOVATIVE PROFITABLE, SUSTAINABLE AND ENVIRONMENTALLY FRIENDLY STORAGE SOLUTION.

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We heal Water

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