



GREENLINE STEEL INDUSTRY

Deliver the product that means



ZINCALUME TANKS

Strong. Durable. Reliable.

Greenline Steel Industry offers premium Zincalume Tanks designed for safe, efficient, and long-lasting storage of water, liquids, and bulk materials. Manufactured from high-quality Zincalume® steel, these tanks provide exceptional corrosion resistance, strength, and durability in all weather conditions.

Our tanks are widely used in agriculture, industrial, commercial, and municipal applications.



We are an ISO Certified Company

ISO 9001:2015

Quality you can trust. Performance you can rely on.



Key Features:

- ✓ **Premium Zincalume® Steel**
Made from AZ150-AZ200 coated steel for superior corrosion resistance and long life.
- ✓ **High Strength & Durability**
Engineered for high load-bearing capacity and structural stability.
- ✓ **Corrosion & Weather Resistant**
Designed to withstand harsh weather, UV rays, and chemical exposure.
- ✓ **Leak Proof Construction**
Advanced jointing and sealing technology ensures zero leakage.
- ✓ **Easy Installation**
Modular design for quick assembly and minimal maintenance.
- ✓ **Customizable Options**
Available in various sizes, capacities, and configurations to meet your needs.

Standard Specifications:

Specification	Details
Material	Zincalume® Steel (AZ150 – AZ200)
Coating	Al-Zn Alloy Coating (55% Al, 43.4% Zn, 1.6% Si)
Coating Thickness	150 – 200 g/m ²
Sheet Thickness	0.80 mm – 3.00 mm
Tank Diameter	1.83 m – 30.50 m+
Tank Height	1.22 m – 15.00 m+
Capacity	From 2,000 Liters to 30 Million Liters+
Design Standard	AS/NZS 4020, ISO 9001:2015
Life Expectancy	30+ Years (with proper maintenance)
Applications	Water, Chemicals, Liquids, Grain, & More

* Specifications may vary as per customer requirements.

Applications:



Fire Water Storage

Reliable storage for fire protection systems in industrial, commercial, and infrastructure facilities.



Rainwater Harvesting

Efficient collection and storage of rainwater for conservation and reuse.



Wastewater Treatment

Ideal for storing and treating wastewater in sewage and industrial treatment plants.



Agriculture & Farming

Water storage, irrigation, and livestock needs.



Industrial Storage

Process water, chemicals, and liquid storage.



Municipal & Commercial

Potable water storage, utilities, and commercial applications.



Grain & Bulk Storage

For grain, feed, and other bulk materials.



Why Choose Zincalume Tanks?

- ✓ Long-lasting performance with minimal maintenance
- ✓ Cost-effective solution with high return on investment
- ✓ Environmentally friendly and recyclable material
- ✓ Suitable for extreme weather conditions
- ✓ Trusted by industries worldwide

PILLOW TANKS



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Applications

- 💧 Emergency Relief Water Storage
- 💧 Water Supply for Remote Locations
- 💧 Rainwater Storage
- 💧 Irrigator Water Storage
- 💧 Temporary Storage During Tank Repairs

Advantages

- ✓ Cost-Effective Bulk Liquid Storage
- ✓ Reduced Tank Transportation Costs.
- ✓ Multiple Temperatures: 0 to 65° C.
- ✓ Wide Capacity Range: 500 to 5,000,000 Ltrs.
- ✓ Several Tanks can be Transported in One Truck.
- ✓ Equipped with Multiple Fittings & Used in Various Climates.
- ✓ Low Transportation Costs.
- ✓ Lies Flat when Empty & can be rolled up and wrap



500 KL Multiple Pillow Tanks with Multiple Supply



7500 Liters Pillow Tanks



5000 Liters Capacity Pillow Tank



4000 Liters Capacity Pillow Tank

Technical Specifications

Parameter		Unit	Method	Technical Specifications	
Fabric				100 % PES/1100 dtex(Panama/Weave)	Nylon fabric 940 dtx
Colour				Grey/Black/As per Order	Nylon fabric 940 dtx
Type of Coating & Characteristics		gsm	DIN EN ISO2286//1998 ASTM D 751	PVC (Potable) (Food Grade)	Nylon (for Fuel)
Weight		g/m ²	1100 g/m2	900g/m2	1020 g/m2
Embossing		mm	Dull/Glossy	Dull/Glossy	Glossy/Dull
Thickness		mm	0.90 mm	1.00 mm	1.00 mm
Breaking Strength	N/cm	Type	4000 N/5cm 2500 N/5cm	4000 N/5cm 2500 N/5cm	4000 N/5cm 2400 N/5cm
Thickness	N/5m	Type	750 N	750 N	250 N
Adhesion	Centigrade		DIN EN ISO2411 ASTM D 751	750 N 30-70°c To Deg Crack	250 N 25.30°c Bem
Temperature resistance	Centigrade		30°-70° to Deg Crack	70° - Bend Crack	100 mm/min
Fire behavior			ISO 3795/1989		

Wide Capacity Range: 1,000 to 1,000,000Ltrs

Capacities	Length (inch/Mt)	Width (inch/Mt)	Height (inch/Mt)
1,135 liters	84" (2.1 m)	66" (1.68 m)	14" (0.36 m)
5,678 liters	168" (4.27 m)	120" (3 m)	18" (0.45 m)
11,356 liters	184" (4.77 m)	162" (4.1 m)	24" (0.6 m)
37,854 liters	264" (6.4 m)	180" (4.6 m)	36" (0.9 m)



BIOFLOC / AQUACULTURE TANKS

Greenline Steel Industry in Aquaculture is among the leading designers, manufacturers, assembler and exporters of the most comprehensive range in aquaculture equipment and systems. That all components are fabricated in our own factory, providing complete control quality of each product we manufacture and install.

Our expertise lies in offering our range with complete customized solutions demanded by the customers.

The standard ranges of Aquaculture tanks are available in 1.000T 2.00 mtr eight, and diamter 1.00 mtr.



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Biofloc Tank / Aquaculture Tanks Applications

- ✓ Agriculture / Horticulture
- ✓ Fish Farms
- ✓ Rain Water harvesting
- ✓ Municipal
- ✓ Schools
- ✓ Aquaculture
- ✓ Disaster Management
- ✓ Industries

Advantages

- ✓ BIOFLOC is an Eco-friendly culture system
- ✓ Environmental impact reduces.
- ✓ Efficiently improves land and water use.
- ✓ Negligible or zero water exchange
- ✓ Productivity is high (enhances survival rate, growth performance, feed conversion in the culture systems of fish).
- ✓ Bio-security is high.
- ✓ Reduces water pollution and the risk of idtrication at spread of pathogens.
- ✓ It reduces the pressure on capture fisheries (use of cheaper fish not trash fish for fish feed formulation)

SEWAGE TREATMENT PLANT (STP/WTP)

Greenline Steel Industry is among the leading designers, manufacturers, assembler and exporters of the most comprehensive range in sewage treatment plants (STP) and water treatment plants (WTP). That all components are fabricated in our own factory, providing complete control quality of each product we manufacture and install.

Our expertise lies in offering our range with complete customized solutions demanded by the customers.

Sewage is a valuable resource in a world where fresh water is increasingly becoming scarce because of unchecked pollution of fresh water by untreated sewage. There will be a time when may be no fresh water available, and instead, treated sewage will have to be used for human uses like drinking, cooking, bathing etc.

Singapore is one country, which is already recovering sewage to meet 30% of drinking water requirement. The whole world will/who, particularly India.



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Benefits - wastewater treatment system:

- 💧 Rids Potential Diseases. Wastewater treatment system eliminate disease-causing bacteria and kills harmful organisms.
- 💧 Low-Cost.
- 💧 Minimal Odour Emissions...
- 💧 No Water Bills.
- 💧 Little Maintenance.
- 💧 Break Down Solids Faster.
- 💧 Enhances the quality of water.
- 💧 Reuses and recycles water.
- 💧 Helps in water conservation.
- 💧 Environment friendly.
- 💧 Converts waste into a usable resource.
- 💧 Helps industries and communities.
- 💧 Supports sustainable development.

PVC GEOMEMBRANE

GREENLINE is also involved in installing PVC Geomembranes for a diverse range of applications ranging from Lining in Liners for Restoration of Old Tanks to Water Proof Lining for Building Roofs & Containment Liners for Storage of any kind of Liquid including Water, Effluents.



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Prospective uses of PVC & HDPE Geomembrane:

1. Fire water reservoir Tank -in Refineries, Petrochemical Projects, Oil storage and Terminals, Infrastructure.
2. Underground water proofing of large under ground structures and basements.
3. Lining of Ash ponds and Coal Dykes in Thermal Power Plants, Captive Power Plants etc.
4. Raw Water reservoirs in power plants including Cooling Tower Plants, Water etc.
5. Lining of underground tunnel to prevent seepage into the tunnel. Sites include DMRC, Indian Railways.
6. Lining of land fills sites to prevent percolation of Leachate into the ground.
7. Lining of Irrigation Canals, Channels, Ponds, Aqua Culture, Decorative Ponds, Swimming Pools, Golf waterLakes.

Some of the advantages of PVC & HDPE Geomembrane:

PVC GEOMEMBRANE	HDPE GEOMEMBRANE
✓ Highly flexible and the flexibility enhances the durability & stress upto 300%. ✓ High puncture resistance because it has excellent biaxial elongation characteristics & recyclability. ✓ It is crystalline structure in nature, and subjected to environment resting cracks. ✓ Fire retardant UV Protected & Antifungal, ✓ nontoxic and suitable for aquatic life. ✓ Tear Resistance	✓ Excellent chemical Resistance. ✓ Good Fatigue and Wear Resistance. ✓ Resist organic solvent, degreasing agent, Environmental Stress & Crack Resistance. ✓ UV & Thermal Weathering Resistance. ✓ Conformance to sub-soil movements. ✓ Water Resistance. ✓ Tear Resistance. ✓ Lightweight. ✓ Cost effective.

Installation of PVC / HDPE Geomembrane:



PVC



HDPE

DEMINERALIZED WATER PLANT/ ION-EXCHANGE PLANT

Demineralization (DM) Water Treatment Plants:

Demineralization (DM) in the process of removing mineral salts from water using the ion exchange process. Most natural water sources its produce using high-quality mild steel (MS) providing exceptional strength, durability, and cost-effectiveness for storing liquids as water, chemicals, fuels and industrial processes.

These tanks-can be tailored to meet specific requirements, including more 500 Projects.



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The Various Options-built Demineralization Plants supplied by us:

- 💧 The water produced by the process of demineralization is far better in quality as compare to the distilled water.
- 💧 DM water plant are in a variety of sizes and specifications, for instance, that are used in the laboratories and the others which are used in the small, medium and large scale industries.
- 💧 In the entire purification process there is no chemical or chlorine residual is pr produced. Hence, no hazards to the environment.
- 💧 Using a demineralized mineral water plant removes all the impurities from the water including heavy metals and any form of salt.
- 💧 Most of the DM water plants do not require much storage space. They are easy to maintain as well as can be easily transported from one place to other.
- 💧 Using demineralized water in industrial manufacturing process reduces the overall cost of production.



Test Kits

We make International quality Residual Chlorine and Hardness Test Kits being used by majority of.

- ✓ Chemical.
- ✓ Textiles.
- ✓ Laboratories, Water Waste Water Treatment
- ✓ Pharmaceuticals, Power
- ✓ Dairy, Hospitals and Hotels



FIRE WATER TANKS

Strong. Reliable. Emergency Ready.

Greenline Steel Industry offers a complete range of **Fire Water Tanks** designed to provide reliable water storage for fire protection systems. Our tanks are manufactured using high-quality Zincalume® Steel, Mild Steel (MS), and FRP to ensure maximum strength, corrosion resistance, and long service life.

Engineered to meet national and international fire safety standards, our tanks are suitable for industrial, commercial, and infrastructure applications.



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Key Features:

- ✓ **High Strength Construction**
Built with premium quality materials for superior load-bearing capacity and structural stability.
- ✓ **Corrosion Resistant**
Zincalume, coated steel, and FRP options ensure excellent resistance to rust, chemicals, and harsh environments.
- ✓ **Leak-Proof Design**
Advanced jointing, sealants, and precision engineering ensure zero leakage and maximum reliability.
- ✓ **Fire Safety Compliant**
Designed in accordance with NFPA, IS, and other international fire safety standards.
- ✓ **Large Storage Capacities**
Available in wide range of capacities to meet any project requirement.
- ✓ **Quick Installation & Low Maintenance**
Modular design for fast installation and easy maintenance with long service life.

Standard Specifications:

Specification	Zincalume Tanks	MS / Steel Tanks	FRP Tanks
Material	Zincalume® Steel AZ150 – AZ200	Mild Steel (IS 2062)	FRP (Fiberglass Reinforced Plastic)
Coating / Finish	Al-Zn Alloy Coating (55% Al, 43.4% Zn, 1.6% Si)	Primer + Epoxy Paint / Hot Dip Galvanized	Gel Coat / UV Resistant Finish
Sheet / Panel Thickness	0.80 mm – 3.00 mm	3.00 mm – 8.00 mm	6 mm – 12 mm
Tank Diameter	1.83 mm – 3.50 m+	2.00 m – 30.00 m+	1.50 m – 10.00 m+
Tank Height	1.22 m – 15.00 m+	1.50 m – 20.00 m+	1.00 m – 6.00 m+
Capacity	10,000 Liters to 30 Million Liters+	10,000 Liters to 50 Million Liters+	5,000 Liters to 2 Million Liters+
Design Standard	AS/NZS 4020, ISO 9001:2015	IS 1998:2016, NFPA 22, NFPA 24	IS 6500
Life Expectancy	30+ Years	(with proper maintenance)	
Application	Fire Water Storage		

* Specifications may vary as per customer requirements.



**ZINCALUME
FIRE WATER TANKS**



**MS / STEEL
FIRE WATER TANKS**



**FRP
FIRE WATER TANKS**



Applications:



Fire Protection Systems

Reliable water storage for fire hydrant systems, sprinklers, and fire fighting operations.



Industrial Facilities

Ideal for factories, plants, and processing units requiring dedicated fire water storage.



Commercial Buildings

Suitable for malls, IT parks, offices, hotels, hospitals, and other commercial complexes.



Infrastructure Projects

Perfect for airports, metro, bridges, tunnels, and large infrastructure developments.



Fire Pump Houses

Essential storage solution for pumping systems and fire fighting installations.



Warehouses / Factories / Hospitals

Ensures uninterrupted water supply during fire emergencies.



Why Choose Fire Water Tanks?

- ✓ Long-lasting performance with minimal maintenance
- ✓ Cost-effective solution with high return on investment
- ✓ Environmentally friendly and recyclable material
- ✓ Suitable for extreme weather conditions
- ✓ Experienced team & strong after-sales support
- ✓ Timely delivery & on-site installation support
- ✓ Trusted by industries worldwide

SMC/GRP TANKS

Strong. Durable. Reliable.

SMC/GRP Tanks are advanced storage solutions manufactured using Sheet Molding Compound (SMC) panels or Glass Reinforced Plastic (GRP) technology. These tanks are corrosion-resistant, leak-proof, lightweight, and built to withstand harsh environmental and chemical conditions.

Designed for a wide range of applications, SMC/GRP tanks ensure long service life, minimal maintenance, and safe storage of water, chemicals, and other liquids.



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Key Features:

- ✓ **High Corrosion Resistance**
SMC/GRP materials provide excellent resistance against corrosion from water, chemicals, and harsh environmental conditions.
- ✓ **Lightweight & Easy Installation**
Lightweight panels and modular design allow for quick installation and easy transportation.
- ✓ **High Strength & Durability**
Engineered for superior structural strength and long service life.
- ✓ **Leak Proof & Hygienic**
Seamless, leak-proof construction ensures zero leakage and prevents contamination.
- ✓ **Low Maintenance**
Smooth inner surface prevents scaling and requires minimal maintenance.
- ✓ **UV & Weather Resistant**
Designed to withstand sunlight, UV rays, and extreme weather conditions.
- ✓ **Customizable Options**
Available in various sizes, capacities, and configurations to meet your specific needs.

Standard Specifications:

Specification	Details
Material	SMC (Sheet Molding Compound) / GRP (Glass Reinforced Plastic)
Construction	Panel Type / Sectional / Modular
Panel Thickness	6 mm – 20 mm (as per capacity & requirement)
Capacities	From 500 Liters to 5 Million Liters*
Panel Size	1 m x 1 m, 1 m x 0.5 m, 0.5 m x 0.5 m (Standard)
Temperature Range	-20°C to 70°C
Color	Off White / Custom (as per requirement)
Design Standard	BS 4994, IS 12701, AWWA D103, ASTM E84
Life Expectancy	25+ Years (with proper maintenance)
Applications	Water, Chemicals, Liquids, Wastewater, & More

* Specifications may vary as per customer requirements.



Applications:



Water Storage

Ideal for potable water storage in residential, commercial, industrial, and municipal projects.



Chemical Storage

Suitable for storing a wide range of acids, alkalis, solvents, and other chemicals.



Industrial Applications

Used in industries for process water, treated water, and other liquid storage needs.



Commercial Buildings

Perfect for hotels, hospitals, schools, offices, malls, and other commercial complexes.



Agriculture & Irrigation

Reliable solution for water storage in agriculture, irrigation systems, and farming operations.



Wastewater & Sewage

Used for sewage storage, effluent treatment plants, and wastewater management.



Domestic Use

Ideal for residential societies, apartments, and households.



Why Choose SMC/GRP Tanks?

- ✓ Corrosion-proof and chemical-resistant
- ✓ Long life with minimal maintenance
- ✓ Lightweight, easy to transport & install
- ✓ Hygienic and safe for potable water
- ✓ Cost-effective solution with high performance
- ✓ Environmentally friendly and recyclable
- ✓ Trusted by industries worldwide

GRAIN STORAGE SILOS



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Greenline Steel Industry offers high quality **Grain Storage Silos** designed for safe, efficient, and long-term storage of grains such as wheat, rice, maize, and other agricultural products. Our silos are engineered using advanced technology and premium-grade materials to ensure durability, strength, and protection against environmental factors.

These silos are ideal for agricultural industries, food processing units, warehouses, and large scale storage facilities.

Key Features:

- ✓ High-strength galvanized / zincalume steel construction
- ✓ Corrosion-resistant and long-lasting structure
- ✓ Leak-proof and weather-resistant design
- ✓ Easy installation and low maintenance
- ✓ Customizable sizes and capacities
- ✓ Aeration system support for grain quality
- ✓ Temperature and moisture control options

Applications:

- ✓ Agriculture & Farming Storage
- ✓ Food Processing industries
- ✓ Grain Warehousing
- ✓ Government Storage Facilities
- ✓ Commercial Bulk Storage



TECHNICAL SPECIFICATIONS & ADVANTAGES



TECHNICAL SPECIFICATIONS & ADVANTAGES

Parameter	Specification
✓ Material	Zincalume / Galvanized Steel
✓ Capacity	5 MT to 10,000+ MT
✓ Diameter	Customizable
✓ Height	Customizable
✓ Structure Type	Bolted / Modular
✓ Coating	Anti-Corrosion Coated
✓ Roof Type	Conical / Dome
✓ Ventilation	Available
✓ Discharge System	Hopper / Flat Bottom

Technical Advantages:

- ✓ Constructed from high-quality, corrosion-resistant galvanized or Zincalume steel for longevity and durability.
- ✓ Fully customizable sizes and configurations tailored to specific storage needs.
- ✓ Aeration system helps maintain grain quality by regulating temperature and moisture levels.
- ✓ Efficient discharge systems (hopper or flat bottom) for quick and complete grain unloading.



MILD STEEL FABRICATION TANKS



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Quality you can trust. Performance you can rely on.

Mild Steel Fabrication Tanks are robust and versatile storage solutions utilized in various industries. These tanks are custom fabricated using high-quality mild steel (MS), providing exceptional strength, durability, and cost-effectiveness for storing liquids like water, chemicals, fuels and industrial processes.

These tanks can be tailored to meet specific requirements, these tanks can be tailored to meet specific requirements, including design, capacity, and coating options, making them ideal for applications that demand reliability and longevity.

Specifications:

- ✓ **Material:** High-Quality Mild Steel (MS)
- ✓ **Capacity:** Up to 1,000,000 liters or more
- ✓ **Diameter:** Customizable, typically up to 30 meters
- ✓ **Height:** Customizable, typically up to 25 meters
- ✓ **Thickness:** 5 mm to 25 mm, as per requirements
- ✓ **Coating:** Epoxy, rubber lining, or special paints for corrosion and chemical resistance
- ✓ **Shape:** Cylindrical / Rectangular
- ✓ **Roof Type:** Cone / Dome / Flat / Open Top
- ✓ **Bottom Type:** Flat / Conical / Sloped with level indicators, nozzles, vents



Key Features:

- ✓ **Durable Construction:** Made from high-quality mild steel for superior strength and corrosion resistance.
- ✓ **Custom Fabrication:** Manufactured to meet specific requirements and size specifications for individual needs.



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