

Zincalume Steel Storage Tank

Turnkey Project



UDAY INDIA STEELS



About us

Uday India steels are the manufacturers of Zincalume steel storage tanks and grain storage silos, located in Ghaziabad, nearby Delhi (NCR) with highly qualified professionals in our team. These tanks are available in various sizes & capacities suitable for liquid Storage in several sectors such as, rural, residential, commercial and Industrial. The sizes of tanks, varies from 5000 litres to 3,00,000 litres and are customizable as per your choice and satisfaction. The lifespan of our tanks is up to 40-50 years with minimal to no maintenance cost. Our tanks are high in demand because of our trademark in Quality Products, best CRM services and excellence in committed time deliveries all over India and we are on verge of expansion in abroad with new products in our venture which will definitely add to our good market value.

Uday India Steels is a promising company, set up by qualified professionals with vast experience of 30+ years in manufacturing and erection facility. We have started and committed to create innovative ideas for storage tanks through constant research and development. Our dedicated team of planners, designers and construction engineers are highly proficient in turning your vision into verity. We plunge to deliver the best quality and innovative technologies to our clients. We focus on our commitment to provide consistent quality and on time delivery of products.



Zincalume Steel & Bolted Tank

ZINCULAME – high tensile – corrugated bolted steel panels made outer shell along with high tensile inside liner or membrane guarantees long term safe storage for the variety of liquid and with zero leakage or contamination with no algae formation.

Zincalume Tata BlueScope made marine grade Zin-Alume-Silicon Alloy steel of G 550 or G 300 , which offers best available surface protection against corrosion even in harshest environment like costal region or the regions with high rain fall or snow fall, is used for wall sheets and roof panels. It is offered with yield strength of minimum 300 MPa to maximum 550 MPa depending on the application. ZINCALUME ® steel complies with AS1397, ASTM A792M, IS15961 and ISO 9364 standards.



Our ZincAlume Bolted Panel Tanks are developed using the best grade of Steel as MOC which is coated with 55% Aluminium, 43.5% Zinc & 1.5% Silicon. Hence, they are also known as Zinc Aluminium Tanks or Galvalume Tanks. It is lightweight, durable and versatile. The ZincAlume sheet has 40-50 years of life and comes with 20 years of Corrosion Warranty. These tanks last up to four times longer than galvanized steel. All our tanks can be customized according to any design requirement of the client.

PVC Liners

PVC Food Grade Liner. Liners are prefabricated as one 'bag' or 'bladder' to fit inside the storage tank and to hold the liquid inside. Liners guarantee zero leakage of liquid and no direct contact between the stored liquid and the storage tank steel wall to restrict corrosion on steel wall and contamination of the liquid. Liners are made up from high tensile PVC, TPU or EPDM fabrics with food grade, anti-algae, anti-static and anti-cracking properties.

It is tested for 2kg/cm² for any leaks.



Note: The most important advantage of this Internal PVC Liner is to ensure that the water will not come in contact with Zn Al wall Sheet. No curing time required, hence ready to use immediately also it retains the original temperature of the stored value to good extent.

RO Water Storage Tanks



We do use premium quality food grade material as liner in these tanks to store the RO Water in order to maintain the mineral value of the water, refrain contamination and intact it's purity. Main purpose here is to "KEEP YOUR WATER HEALTHY" This tank is made from 100% food grade materials.



Nozzles

Accordance of application and water quality, BS 10 table D, ANSI Standard Flanges can be provide to fulfil the clients requirement for connections. Uday India Steels use plate type nozzles with bolting in PCD which can sustain against the load.





**Underground /
Partially Underground**

On RCC Structure

Over The Roof

Zincalume Steel Tanks

On The Ground

At Hill Station

On Steel Structure



Description	Zn Al Tanks	MS Tank/ SS Tank	RCC Tank	PVC Tank
Cost Per Liter (Rs)	Rs 4.50 to 12.50	Rs 7.75 to 33.00	Rs 6.0 to 13.00	Rs 6.0 to 13.00
Maintenance	Not Required	Highly Required/ Not Required	Required	Highly Required
Food Grade	Yes	No / Yes	No	No
Algae Formation	No	Yes / No	Yes	Yes
Corrosion	No	Yes / No	No	No
Relocation	Easy	Difficult	Not Possible	Easy
Weight	Light	Heavy	Very Heavy	Light
Expandable	Yes	Yes / No	No	No
Liquid Temperature	Less than MS/SS/RCC/PVC tank	More than Zn Al tank	Depend on temperature	Depend on temperature
Life of Complete Tank	40-50 Yrs	7-12 Yrs/70-90 Yrs	30-50 Yrs	10-15 Yrs
Need Painting/Coating	No	Yes/No	Yes	No
Installation Time	50% lesser than MS	Less than RCC	40-60 Days	Depend on requirement
Ready to Use	Immediately	30% More than Zn Al tanks	Curing Time Required	Depend on requirement
Scrape Value	80%	MS depend on material/ SS-80%	No	10%
Manpower	60% less	15-20	20-25	NA
Foundation at Site required	Low	High	High	NA

Altogether our products are value for money, cost effective and require less / no maintenance. Our products can be disassembled and reassembled to different location even after installation if client wants also It's scrape value is very high relatively when compared to other storage options available in market.



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