



Water Storage Tanks

DURABLE, FAST TO ERECT &
SUSTAINABLE STORAGE SOLUTIONS



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Over 10cr Liters of water storage solutions provided in the last 2 years



EaStore TANKS FEATURES :

- ◆ EaStore tanks are pre-engineered, prefabricated, & site assembled bolted tanks, on solid concrete beam foundation.
- ◆ The outer shell has superior Zinalume coating and multiple layers which enhances the shelf-life of tanks.
- ◆ The Aluminum in the coating provides barrier protection to the steel whilst the zinc component provides sacrificial protection.
- ◆ The superior quality of reinforced, heavy duty PVC or PE liner secures the stored water for longer durations.
- ◆ Food grade liner can also be supplied for potable application.
- ◆ Cathodic Protection with Magnesium Anodes provide an enhanced life.
- ◆ Tanks can have provision for rain water harvesting for high rainfall zones.
- ◆ Sizes from 10000 Litres to 50,00,000 Litres.
- ◆ Designed for seismic zone and cyclonic wind speed.
- ◆ MS / RCC Staging can be provided for elevated tank requirements.

ABOUT EaSol PRIVATE LIMITED :

Solutions from Easol are built keeping in mind the conservation of energy and protection of environment. The solutions are based on unique innovative technologies aimed at offering affordable excellence in the space of water, water storage and sanitation.

EaStore tanks are designed and approved for stability & seismic loads and comply with highest international standards.

EaSol Solutions have been used not only in India but also in Middle East, North America, Africa & South East Asia. All Tanks meet the safety standards as specified in relevant national and international design codes



ADVANTAGES OVER RCC TANKS :

- ◆ The tanks are very fast to build compared to RCC tanks and made ready to store water.
- ◆ Durable and easily relocated. Multiple tanks staging possible in clusters.
- ◆ Light in weight and can be installed on elevated location above ground.
- ◆ Tanks are supported by manufacturer's warranty and design.
- ◆ Adaptable to different sites with Different Dia. X Height combinations.

PRODUCT FEATURES :

COMPOUND	DETAILS
MOC of tank sheet	<ul style="list-style-type: none"> ▪ Zinalume coated steel-G300 ▪ Thickness of wall sheet: 0.8mm (Min) ▪ Base metal standard : IS 513 ▪ Coating standard: IS 15961
ROOF TYPE	<ul style="list-style-type: none"> ▪ Trusses : HDG Steel Structure Supporting Dome Roof (with rain water harvesting arrangement) ▪ Thickness of roof sheet : 0.5mm (Min) wherever applicable ▪ Roof sheet grade: G-550 or equivalent ▪ Colour- Natural Zinc colour
TANK LINER	<ul style="list-style-type: none"> ▪ Reinforced PVC/PE, UV stabilized, Anti-Algae ▪ Thickness : 760 GSM Onwards ▪ Strength: Wrap-40Kg & Weft – 45Kg ▪ Bottom protection of liner: Geo textile
NOZZLES	<ul style="list-style-type: none"> ▪ MOC: Stainless Steel / Hot dipped Galvanized ▪ Base metal standard: IS513 ▪ Standard of coating: IS1367-13 ▪ Nozzle size as per requirement of client(s)
NUTS & BOLTS	<ul style="list-style-type: none"> ▪ MOC: Hot dipped Galvanized ▪ Standard of coating: IS1367-13 ▪ Grade: 8.8 ▪ Atmosphere Protection: PVC caps from outside
LADDER	<ul style="list-style-type: none"> ▪ Commercial Heavy Duty Ladder with cage (external) ▪ Rope Ladder with Aluminum footsteps (internal) ▪ MOC: Hot dipped Galvanized
LEVEL INDICATOR	<ul style="list-style-type: none"> ▪ Float & Board Type
AIR VENT	<ul style="list-style-type: none"> ▪ Turbine vent for air circulation ▪ MOC: SS304
CORROSION PROTECTION	<ul style="list-style-type: none"> ▪ Magnesium Sacrificial Anode, in addition to zinc-alume coated sheet wall and roof.
OTHER CREDENTIALS	<ul style="list-style-type: none"> ▪ Design, Engineering, Supply, Installation and leakage testing

APPLICATIONS OF EaStore TANKS :

- ◆ Raw Water Storage Tanks for Drinking Water.
- ◆ Storage Tanks for Rural Water Supply Schemes and Municipal Corporations.
- ◆ Bulk Storage in Agriculture, Food & Beverages, Pharma and Processing industries.
- ◆ Sewage and Effluent Water Storage Tanks.
- ◆ Model No.EAS02 to EAS28 onwards.
- ◆ Process Water Storage tanks RO/DM, Oil Storage Tank, ZLD
- ◆ Fire Water Storage Tanks.



Tanks- Foundation



Roof Air Ventilator Arrangement



Tank-HDG Trusses & Roof



Plate Type Nozzle For Inlet / Outlet



Conical Roof



Liner Fitting To Z Truss (Tank Shell)



Water Level Indicator



Antivortex Nozzle For Fire Tanks



Ladder With Safety Cage



Tank Inside View-
Liner, Roof Top & Bellmount

EaStore Storage Tank Capacity Chart

Model No.	Diameter(m)	Height	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10
		Tank Base Area (Sq.m.) / Tank Height (m.)	1.12	2.08	3.03	4.00	4.95	5.90	6.87	7.82	8.80	9.76
EAS02	1.84	2.7	2.98	5.53	8.06	10.64	13.16	15.69	18.27	20.79	23.40	25.95
EAS03	2.77	6.0	6.75	12.53	18.26	24.11	29.83	35.56	41.40	47.13	53.03	58.82
EAS04	3.69	10.7	11.98	22.24	32.40	42.78	52.94	63.09	73.47	83.63	94.11	104.37
EAS05	4.61	16.7	18.69	34.72	50.57	66.77	82.62	98.48	114.67	130.53	146.88	162.91
EAS06	5.53	24.0	26.90	49.96	72.78	96.07	118.89	141.71	165.00	187.82	211.36	234.42
EAS07	6.46	32.8	36.71	68.17	99.31	131.10	162.24	193.38	225.17	256.31	288.43	319.89
EAS08	7.38	42.8	47.91	88.97	129.61	171.10	211.74	252.38	293.87	334.51	376.43	417.50
EAS09	8.30	54.1	60.60	112.54	163.94	216.42	267.83	319.23	371.71	423.11	476.13	528.08
EAS10	9.23	66.9	74.94	139.17	202.74	267.64	331.21	394.77	459.67	523.24	588.81	653.04
EAS11	10.15	80.9	90.62	168.30	245.17	323.65	400.52	477.39	555.88	632.74	712.04	789.72
EAS12	11.07	96.2	107.80	200.19	291.63	384.99	476.42	567.85	661.21	752.65	846.97	939.37
EAS13	12.00	113.1	126.67	235.24	342.68	452.39	559.83	667.27	776.98	884.42	995.26	1103.83
EAS14	12.92	131.1	146.84	272.70	397.24	524.41	648.96	773.51	900.68	1025.23	1153.71	1279.57
EAS15	13.84	150.4	168.49	312.91	455.83	601.76	744.68	887.59	1033.52	1176.44	1323.87	1468.29
EAS16	14.77	171.3	191.90	356.38	519.15	685.35	848.12	1010.89	1177.08	1339.85	1507.76	1672.25
EAS17	15.69	193.3	216.55	402.16	585.84	773.39	957.06	1140.74	1328.29	1511.97	1701.45	1887.06
EAS18	16.61	216.7	242.69	450.71	656.56	866.74	1072.59	1278.44	1488.63	1694.48	1906.83	2114.85
EAS19	17.53	241.4	270.32	502.02	731.30	965.41	1194.70	1423.99	1658.10	1887.38	2123.91	2355.61
EAS20	18.45	267.4	299.43	556.09	810.08	1069.41	1323.39	1577.37	1836.70	2090.69	2352.69	2609.35
EAS21	19.37	294.7	330.04	612.93	892.88	1178.72	1458.66	1738.61	2024.44	2304.39	2593.17	2876.07
EAS22	20.29	323.3	362.14	672.54	979.71	1293.34	1600.51	1907.68	2221.32	2528.49	2845.36	3155.76
EAS23	21.21	353.3	395.72	734.91	1070.57	1413.29	1748.95	2084.60	2427.33	2762.98	3109.24	3448.43
EAS24	22.16	385.7	431.96	802.22	1168.62	1542.73	1909.13	2275.52	2649.64	3016.03	3394.00	3764.26
EAS25	23.08	418.4	468.58	870.21	1267.66	1673.48	2070.94	2468.39	2874.21	3271.66	3681.66	4083.30
EAS26	24.00	452.4	506.68	940.97	1370.74	1809.56	2239.33	2669.10	3107.91	3537.68	3981.03	4415.32
EAS27	24.90	487.0	545.39	1012.87	1475.47	1947.82	2410.43	2873.03	3345.38	3807.99	4285.20	4752.68
EAS28	25.85	524.8	587.80	1091.63	1590.21	2099.28	2597.86	3096.44	3605.52	4104.10	4618.42	5122.25



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