



GFS - Water Storage Tanks

Durable, fast to erect &  
Sustainable storage solutions



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Over 15Cr liters of water storage solutions provided in last 12 years

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.

## What is Glass-Fused-to-Steel (GFS)?

After firing at 820 ° C-930 ° C high temperature, the molten glass reacts with the steel plate surface to form an inert and inorganic bond, which combines the strength & flexibility of steel and the outstanding corrosion resistance of glass; therefore , GFS tanks can provide many advantages over standard epoxy or welded painted storage tanks. Glass- Fused-to-Steel technology is the premium coating technology in the storage tanks market, and GFS tanks are widely used in bio-energy, potable water storage, municipal sewage, landfill leachate, industrial wastewater treatment and other applications.

## APPLICATIONS

- Municipal Water Treatment: Potable water storage, wastewater processing, and sewage treatment facilities
- Industrial Applications: Chemical storage, fire protection systems, and industrial effluent management
- Bio-energy Sector: Anaerobic digestion, biogas production, and organic waste processing
- Agricultural Use: Feed storage, fertiliser containment, and irrigation water systems
- Environmental Management: Landfill leachate collection and industrial wastewater treatment

## GFS Tanks Features:

- Short Installation Time: prefabricated, rapid and simple
- LowCapitalInvestment: very low maintenance cost
- 30Years Service Life: superior corrosion resistance
- Attractive Appearance: colour can be customised
- Quality Control: according to international standards
- Flexibility: re-model, extend, dismantle and relocate

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## Tank Specification

- Coating Colour: Black, Blue, Grey, Olive, Cobalt Blue, Forest Green
- Coating thickness: 250 -450 microns
- PH : Standard PH : 3~11
- Service Life: > 30 Years
- Holiday Test: >1500 V
- Corrosion resistance: Excellent, suitable for wastewater, salt water, sea water, high sulfur crude oil, salt fog, organic and inorganic compounds

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## GFS Tanks with Liners:

- GFS tanks with liners can be used for raw water, fire water and other applications where liquid PH will be in the range of 5-9, but areas with high humidity, extreme temperatures and Harsh Environments, where tanks must withstand environmental stress.

## GFS Tanks colours:

Cobalt  
Blue

Olive

Grey

Forest  
Green

Black

# GFS -EaStore Tank Capacity Chart

Height	Ring	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	
Diameter	Height (m)	2.4	3	3.6	4.2	4.8	5.4	6	6.6	7.2	7.8	8.4	9	
D (m)	Qty for ring	Bottom area m2	volume m3											
3.06	4	7.33	18	22	26	31	35	40	44	48	53	57	62	66
3.82	5	11.45	27	34	41	48	55	62	69	76	82	89	96	103
4.58	6	16.49	40	49	59	69	79	89	99	109	119	129	139	148
5.35	7	22.45	54	67	81	94	108	121	135	148	162	175	189	202
6.11	8	29.32	70	88	106	123	141	158	176	194	211	229	246	264
6.88	9	37.11	89	111	134	156	178	200	223	245	267	289	312	334
7.64	10	45.81	110	137	165	192	220	247	275	302	330	357	385	412
8.40	11	55.43	133	166	200	233	266	299	333	366	399	432	466	499
9.17	12	65.97	158	198	237	277	317	356	396	435	475	515	554	594
9.93	13	77.42	186	232	279	325	372	418	465	511	557	604	650	697
10.70	14	89.79	216	269	323	377	431	485	539	593	647	700	754	808
11.46	15	103.08	247	309	371	433	495	557	618	680	742	804	866	928
12.22	16	117.28	281	352	422	493	563	633	704	774	844	915	985	1056
12.99	17	132.40	318	397	477	556	636	715	794	874	953	1033	1112	1192
13.75	18	148.44	356	445	534	623	712	802	891	980	1069	1158	1247	1336
14.51	19	165.39	397	496	595	695	794	893	992	1092	1191	1290	1389	1488
15.28	20	183.25	440	550	660	770	880	990	1100	1209	1319	1429	1539	1649
16.04	21	202.04	485	606	727	849	970	1091	1212	1333	1455	1576	1697	1818
16.81	22	221.74	532	665	798	931	1064	1197	1330	1463	1597	1730	1863	1996
17.57	23	242.35	582	727	872	1018	1163	1309	1454	1600	1745	1890	2036	2181
18.33	24	263.89	633	792	950	1108	1267	1425	1583	1742	1900	2058	2217	2375
19.10	25	286.33	687	859	1031	1203	1374	1546	1718	1890	2062	2233	2405	2577
19.86	26	309.70	743	929	1115	1301	1487	1672	1858	2044	2230	2416	2601	2787
20.63	27	333.98	802	1002	1202	1403	1603	1803	2004	2204	2405	2605	2805	3006
21.39	28	359.18	862	1078	1293	1509	1724	1940	2155	2371	2586	2802	3017	3233
22.15	29	385.29	925	1156	1387	1618	1849	2081	2312	2543	2774	3005	3236	3468
22.92	30	412.32	990	1237	1484	1732	1979	2227	2474	2721	2969	3216	3463	3711
23.68	31	440.27	1057	1321	1585	1849	2113	2377	2642	2906	3170	3434	3698	3962
24.45	32	469.13	1126	1407	1689	1970	2252	2533	2815	3096	3378	3659	3941	4222
25.21	33	498.91	1197	1497	1796	2095	2395	2694	2993	3293	3592	3891	4191	4490
25.97	34	529.60	1271	1589	1907	2224	2542	2860	3178	3495	3813	4131	4449	4766
26.74	35	561.21	1347	1684	2020	2357	2694	3031	3367	3704	4041	4377	4714	5051
27.50	36	593.74	1425	1781	2137	2494	2850	3206	3562	3919	4275	4631	4987	5344
28.27	37	627.19	1505	1882	2258	2634	3010	3387	3763	4139	4516	4892	5268	5645
29.03	38	661.55	1588	1985	2382	2778	3175	3572	3969	4366	4763	5160	5557	5954
29.79	39	696.82	1672	2090	2509	2927	3345	3763	4181	4599	5017	5435	5853	6271
30.56	40	733.01	1759	2199	2639	3079	3518	3958	4398	4838	5278	5718	6157	6597

## EaSOL Private Limited

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