

W-Tank®
Patented product



Storage Tanks · Technical Specifications

Storage bolted tank volumes for different heights in meters - Volume m³ - Diameter metres																							
Plates	Units	H=2		H=3		H=4		H=5		H=5.5		H=6		H=7		H=8		H=9		H=10		H=11	
		Vol. (m³)	Ø (m)	Vol. (m³)	Ø (m)	Vol. (m³)	Ø (m)	Vol. (m³)	Ø (m)	Vol. (m³)	Ø (m)	Vol. (m³)	Ø (m)	Vol. (m³)	Ø (m)	Vol. (m³)	Ø (m)	Vol. (m³)	Ø (m)	Vol. (m³)	Ø (m)	Vol. (m³)	Ø (m)
	6	31	4.4	46	4.4	62	4.4	77	4.4	81	4.3	88	4.3	103	4.3	118	4.3	133	4.3	147	4.3	162	4.3
	7	42	5.2	63	5.2	84	5.2	105	5.2	110	5.1	120	5.1	140	5.1	160	5.1	180	5.1	201	5.1	221	5.1
	8	55	5.9	82	5.9	110	5.9	131	5.8	144	5.8	157	5.8	183	5.8	209	5.8	236	5.8	262	5.8	288	5.8
	9	69	6.6	104	6.6	139	6.6	166	6.5	182	6.5	199	6.5	232	6.5	265	6.5	298	6.5	331	6.5	364	6.5
	10	86	7.4	128	7.4	171	7.4	204	7.2	225	7.2	245	7.2	286	7.2	327	7.2	368	7.2	409	7.2	450	7.2
	11	103	8.1	155	8.1	198	7.9	247	7.9	272	7.9	297	7.9	346	7.9	396	7.9	445	7.9	495	7.9	544	7.9
	12	123	8.9	177	8.7	235	8.7	294	8.7	324	8.7	353	8.7	412	8.7	471	8.7	530	8.7	588	8.7	647	8.7
	13	138	9.4	207	9.4	276	9.4	345	9.4	380	9.4	414	9.4	483	9.4	552	9.4	621	9.4	691	9.4	760	9.4
	14	160	10.1	240	10.1	320	10.1	400	10.1	440	10.1	480	10.1	561	10.1	641	10.1	721	10.1	801	10.1	881	10.1
	15	184	10.8	276	10.8	368	10.8	460	10.8	506	10.8	551	10.8	643	10.8	735	10.8	827	10.8	919	10.8	1,011	10.8
	16	209	11.5	314	11.5	418	11.5	523	11.5	575	11.5	627	11.5	732	11.5	837	11.5	941	11.5	1,046	11.5	1,150	11.5
	17	236	12.3	354	12.3	472	12.3	590	12.3	649	12.3	708	12.3	826	12.3	944	12.3	1,062	12.3	1,180	12.3	1,298	12.3
	18	265	13.0	397	13.0	529	13.0	662	13.0	728	13.0	794	13.0	926	13.0	1,059	13.0	1,191	13.0	1,323	13.0	1,456	13.0
	19	295	13.7	442	13.7	590	13.7	737	13.7	811	13.7	885	13.7	1,032	13.7	1,179	13.7	1,327	13.7	1,474	13.7	1,622	13.7
	20	327	14.4	490	14.4	653	14.4	817	14.4	898	14.4	980	14.4	1,143	14.4	1,307	14.4	1,470	14.4	1,633	14.4	1,797	14.4
	21	360	15.1	540	15.1	720	15.1	900	15.1	990	15.1	1,080	15.1	1,260	15.1	1,441	15.1	1,621	15.1	1,801	15.1	1,981	15.1
	22	395	15.9	593	15.9	790	15.9	988	15.9	1,087	15.9	1,186	15.9	1,383	15.9	1,581	15.9	1,779	15.9	1,976	15.9	2,174	15.9
	23	432	16.6	648	16.6	864	16.6	1,080	16.6	1,188	16.6	1,296	16.6	1,512	16.6	1,728	16.6	1,944	16.6	2,160	16.6	2,376	16.6
	24	470	17.3	705	17.3	941	17.3	1,176	17.3	1,293	17.3	1,411	17.3	1,646	17.3	1,881	17.3	2,116	17.3	2,352	17.3	2,587	17.3
	25	510	18.0	765	18.0	1,021	18.0	1,276	18.0	1,403	18.0	1,531	18.0	1,786	18.0	2,041	18.0	2,296	18.0	2,552	18.0	2,807	18.0
	26	552	18.7	828	18.7	1,104	18.7	1,380	18.7	1,518	18.7	1,656	18.7	1,932	18.7	2,208	18.7	2,484	18.7	2,760	18.7	3,036	18.7
	27	595	19.5	893	19.5	1,190	19.5	1,488	19.5	1,637	19.5	1,786	19.5	2,083	19.5	2,381	19.5	2,678	19.5	2,976	19.5	3,274	19.5
	28	640	20.2	960	20.2	1,280	20.2	1,600	20.2	1,760	20.2	1,920	20.2	2,240	20.2	2,560	20.2	2,880	20.2	3,200	20.2	3,409	19.9
	29	687	20.9	1,030	20.9	1,373	20.9	1,716	20.9	1,888	20.9	2,060	20.9	2,403	20.9	2,746	20.9	3,090	20.9	3,433	20.9	3,675	20.6
	30	735	21.6	1,102	21.6	1,469	21.6	1,837	21.6	2,021	21.6	2,204	21.6	2,572	21.6	2,939	21.6	3,306	21.6	3,558	21.3	3,914	21.3
	31	785	22.3	1,177	22.3	1,569	22.3	1,961	22.3	2,157	22.3	2,354	22.3	2,746	22.3	3,138	22.3	3,530	22.3	3,799	22.0	4,179	22.0
	32	836	23.1	1,254	23.1	1,672	23.1	2,090	23.1	2,299	23.1	2,508	23.1	2,926	23.1	3,344	23.1	3,762	23.1	4,048	22.7	4,453	22.7
	33	889	23.8	1,333	23.8	1,778	23.8	2,222	23.8	2,445	23.8	2,667	23.8	3,111	23.8	3,556	23.8	3,874	23.4	4,305	23.4	4,753	23.4
	34	944	24.5	1,415	24.5	1,887	24.5	2,359	24.5	2,595	24.5	2,831	24.5	3,303	24.5	3,775	24.5	4,113	24.1	4,569	24.1	5,026	24.1
	35	1,000	25.2	1,500	25.2	2,000	25.2	2,500	25.2	2,750	25.2	3,000	25.2	3,500	25.2	4,000	25.2	4,358	24.8	4,842	21.8	5,326	24.8
	36	1,058	26.0	1,587	26.0	2,116	26.0	2,645	26.0	2,909	26.0	3,174	26.0	3,703	26.0	4,232	26.0	4,610	25.5	5,123	25.5	5,635	25.5
	37	1,117	26.7	1,676	26.7	2,235	26.7	2,794	26.7	3,073	26.7	3,352	26.7	3,911	26.7	4,329	26.2	4,870	26.2	5,411	26.2	5,952	26.2

Storage bolted tank volumes for different heights in meters - Volume m³ - Diameter metres																							
Plates	H=2		H=3		H=4		H=5		H=5.5		H=6		H=7		H=8		H=9		H=10		H=11		
	Vol. (m³)	Ø (m)	Vol. (m³)	Ø (m)	Vol. (m³)	Ø (m)	Vol. (m³)	Ø (m)	Vol. (m³)	Ø (m)	Vol. (m³)	Ø (m)	Vol. (m³)	Ø (m)	Vol. (m³)	Ø (m)	Vol. (m³)	Ø (m)	Vol. (m³)	Ø (m)	Vol. (m³)	Ø (m)	
	38	1,179	27.4	1,768	27.4	2,357	27.4	2,947	27.4	3,241	27.4	3,536	27.4	4,125	27.4	4,566	27.0	5,137	27.0	5,707	27.0	6,278	27.0
	39	1,242	28.1	1,862	28.1	2,483	28.1	3,104	28.1	3,414	28.1	3,725	28.1	4,345	28.1	4,809	27.7	5,411	27.7	6,012	27.7	6,613	27.7
	40	1,306	28.8	1,959	28.8	2,612	28.8	3,265	28.8	3,591	28.8	3,918	28.8	4,571	28.8	5,059	28.4	5,692	28.4	6,324	28.4	6,956	28.4
	41	1,372	29.6	2,058	29.6	2,744	29.6	3,430	29.6	3,773	29.6	4,116	29.6	4,802	29.6	5,315	29.1	5,980	29.1	6,644	29.1	7,308	29.1
	42	1,440	30.3	2,160	30.3	2,880	30.3	3,599	30.3	3,959	30.3	4,319	30.3	4,880	29.8	5,578	29.8	6,275	29.8	6,972	29.8	7,669	29.8
	43	1,509	31.0	2,264	31.0	3,018	31.0	3,773	31.0	4,150	31.0	4,527	31.0	5,115	30.5	5,846	30.5						
	44	1,580	31.7	2,370	31.7	3,160	31.7	3,950	31.7	4,345	31.7	4,740	31.7	5,356	31.2	6,121	31.2						
	45	1,653	32.4	2,479	32.4	3,306	32.4	4,132	32.4	4,545	32.4	4,958	32.4	5,602	31.9	6,403	31.9						
	46	1,727	33.2	2,591	33.2	3,454	33.2	4,318	33.2	4,749	33.2	5,181	33.2	5,854	32.6	6,690	32.6						
	47	1,803	33.9	2,704	33.9	3,606	33.9	4,507	33.9	4,958	33.9	5,409	33.9	6,111	33.3	6,984	33.3						
	48	1,880	34.6	2,821	34.6	3,761	34.6	4,701	34.6	5,171	34.6	5,641	34.6	6,374	34.0	7,284	34.0						
	49	1,960	35.3	2,939	35.3	3,919	35.3	4,899	35.3	5,219	34.8	5,693	34.8	6,642	34.8	7,591	34.8						
	50	2,040	36.0	3,061	36.0	4,081	36.0	5,101	36.0	5,434	35.5	5,928	35.5	6,916	35.5	7,904	35.5						
	51	2,123	36.8	3,184	36.8	4,246	36.8	5,307	36.8	5,653	36.2	6,167	36.2	7,195	36.2	8,223	36.2						
	52	2,207	37.5	3,310	37.5	4,414	37.5	5,517	37.5	5,877	36.9	6,412	36.9	7,480	36.9	8,549	36.9						
	53	2,292	38.2	3,439	38.2	4,585	38.2	5,731	38.2	6,105	37.6	6,661	37.6	7,771	37.6	8,881	37.6						
	54	2,380	38.9	3,570	38.9	4,760	38.9	5,949	38.9	6,338	38.3	6,914	38.3	8,067	38.3	9,219	38.3						

W-Tank®

W-Tank®



Consult our technical department for intermediate heights

STORAGE BOLTED TANK SUPPLY KIT:

- Plates.
- Oval manhole 735x535 mm from H>4 and N>14, both included.
- Screws - washers - nuts - gaskets.
- Sealing mortar, concrete base joint and mortar sealing paint.
- Instructional assembly.
- Data sheet and specifications.
- Conformity drawing, construction plan of slab, anchorage and seal.

Settling Tanks · Technical Specifications

Plates	Settling bolted tank surface height in metres				Max Load per Plate Kg
Units	H=2		H=3		
	Surface	Ø	Surface	Ø	
	m²	m	m²	m	
6	31	4.4	46	4.4	1,400
7	42	5.2	63	5.2	1,400
8	55	5.9	82	5.9	1,400
9	69	6.6	104	6.6	1,400
10	86	7.4	128	7.4	1,400
11	103	8.1	155	8.1	1,400
12	123	8.9	177	8.7	1,400
13	138	9.4	207	9.4	1,400
14	160	10.1	240	10.1	1,400
15	184	10.8	276	10.8	1,400
16	209	11.5	314	11.5	1,400
17	236	12.3	354	12.3	1,400
18	265	13.0	397	13.0	1,400
19	295	13.7	442	13.7	1,400
20	327	14.4	490	14.4	1,400
21	360	15.1	540	15.1	1,400
22	395	15.9	593	15.9	1,400
23	432	16.6	648	16.6	1,400
24	470	17.3	705	17.3	1,400
25	510	18.0	765	18.0	1,400
26	552	18.7	828	18.7	1,400
27	595	19.5	893	19.5	1,400
28	640	20.2	960	20.2	1,400
29	687	20.9	1,030	20.9	1,400
30	735	21.6	1,102	21.6	1,800
31	785	22.3	1,177	22.3	1,800
32	836	23.1	1,254	23.1	1,800
33	889	23.8	1,333	23.8	1,800
34	944	24.5	1,415	24.5	1,800
35	1,000	25.2	1,500	25.2	1,800
36	1,058	26.0	1,587	26.0	1,800
37	1,117	26.7	1,676	26.7	2,000
38	1,179	27.4	1,768	27.4	2,000
39	1,242	28.1	1,862	28.1	2,000
40	1,306	28.8	1,959	28.8	2,000
41	1,372	29.6	2,058	29.6	2,000
42	1,440	30.3	2,160	30.3	2,000
43	1,509	31.0	2,264	31.0	2,000
44	1,580	31.7	2,370	31.7	2,000
45	1,653	32.4	2,479	32.4	2,800
46	1,727	33.2	2,591	33.2	2,800
47	1,803	33.9	2,704	33.9	2,800
48	1,880	34.6	2,821	34.6	2,800
49	1,960	35.3	2,939	35.3	2,800
50	2,040	36.0	3,061	36.0	2,800
51	2,123	36.8	3,184	36.8	2,800
52	2,207	37.5	3,310	37.5	2,800
53	2,292	38.2	3,439	38.2	2,800
54	2,380	38.9	3,570	38.9	2,800



Settling W-Tank®.



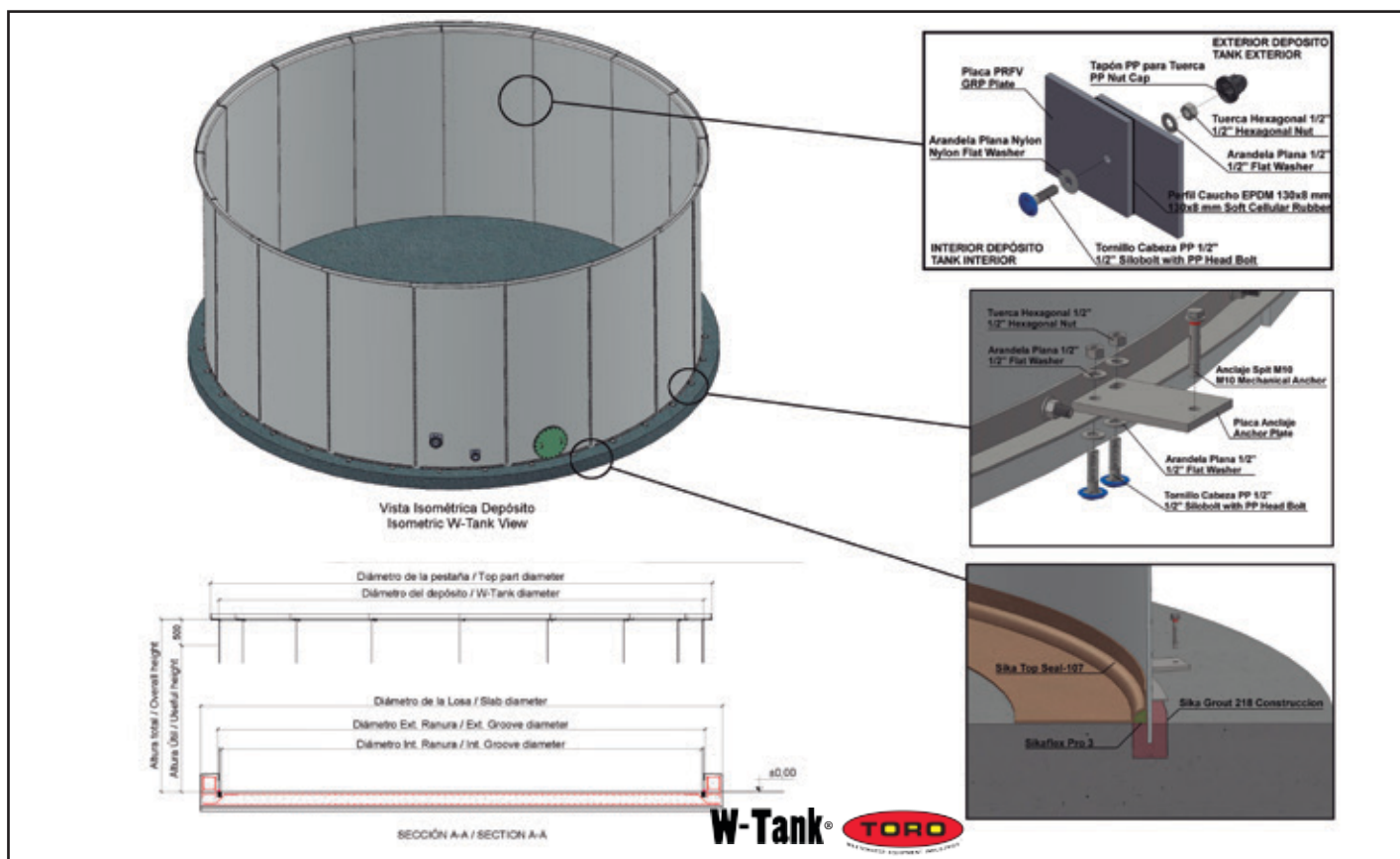
Settling tank and connections.

SETTLING BOLTED TANK SUPPLY KIT:

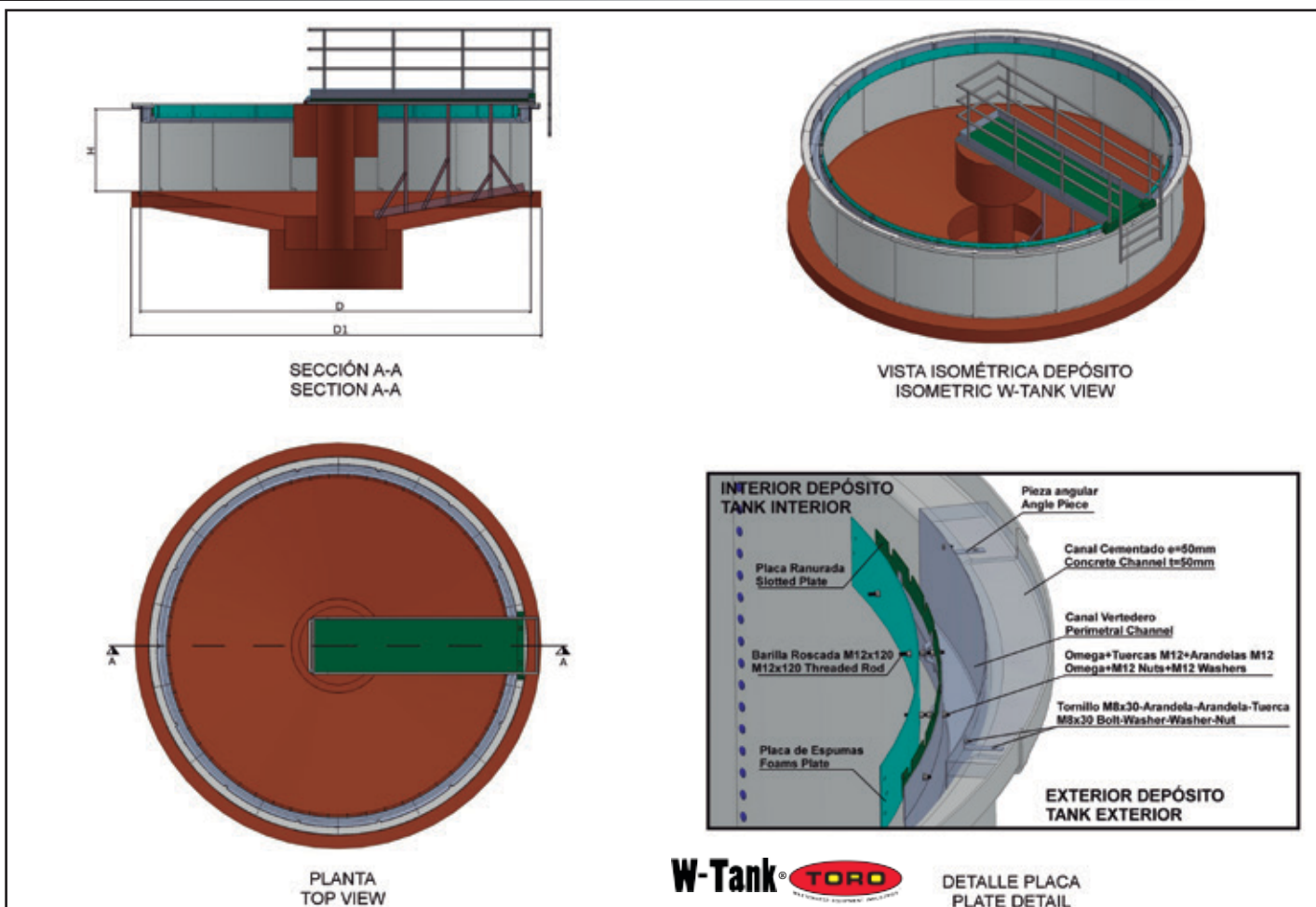
- The settling tanks are delivered with the same kit as the storage tanks, in particular:
 - Adjustable trapezoidal weir in GRP.
 - Deflector of grease and floatants in GRP.
 - Screws and supports in AISI 304.
 - Oval manhole 735x535 mm, optional.
- Excluded:
 - Settling tank tower.
 - Scraper bridge.
 - Concrete for rolling edge.

Conformity Drawing · Storage Tanks · Settling Tank:

Storage Tank:



Settling Tank:



Hypar & Flat Covers

Storage Tanks		Hypar Cover - Technical Specifications				
No. of Plates Units (N)	Ø	Ø m	Total Height m	Height of each Element m	Transporting Height m	Perimetrical Profile mm
		D	H	h	T	
6	4.2	4.4	1.0	0.6	0.5	-
8	5.4	5.6	1.2	0.8	0.7	-
11	7.3	7.5	1.6	1.0	0.9	-
14	9.3	9.5	2.0	1.3	1.1	□ 40x40x3
17	11.3	11.5	2.4	1.5	1.3	□ 40x40x3
20	13.2	13.5	2.8	1.8	1.6	□ 40x40x3
24	15.9	16.1	3.2	2.0	1.8	□ 40x40x3



W-Tank® cover Hypar.



Digesters with tight W-Tank® cover Flat.

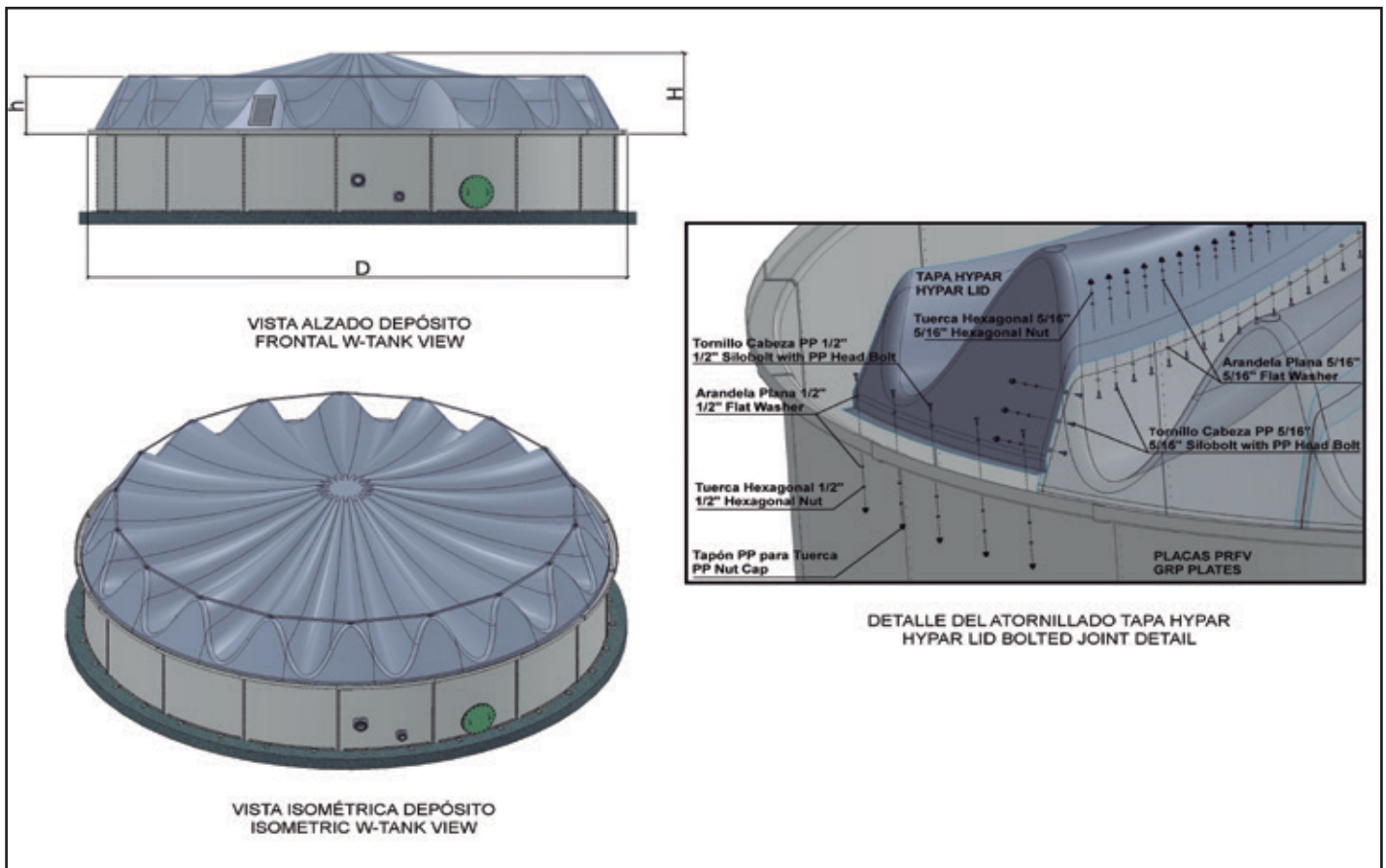
- Closing cover types:
 - Standard, cover bolted to the tank. Bolted union without gasket.
 - Hydraulic, sealing between gaskets and union.
 - Pressure, indicated for digesters tanks, 5-35 mbar.
- Cover quotation on demand of customer requirements: loading, shackers assembly, walkways or any other elements of the project.
- We supply canvas cover for specially applications.

Hypar & Flat Cover Supply Kit:

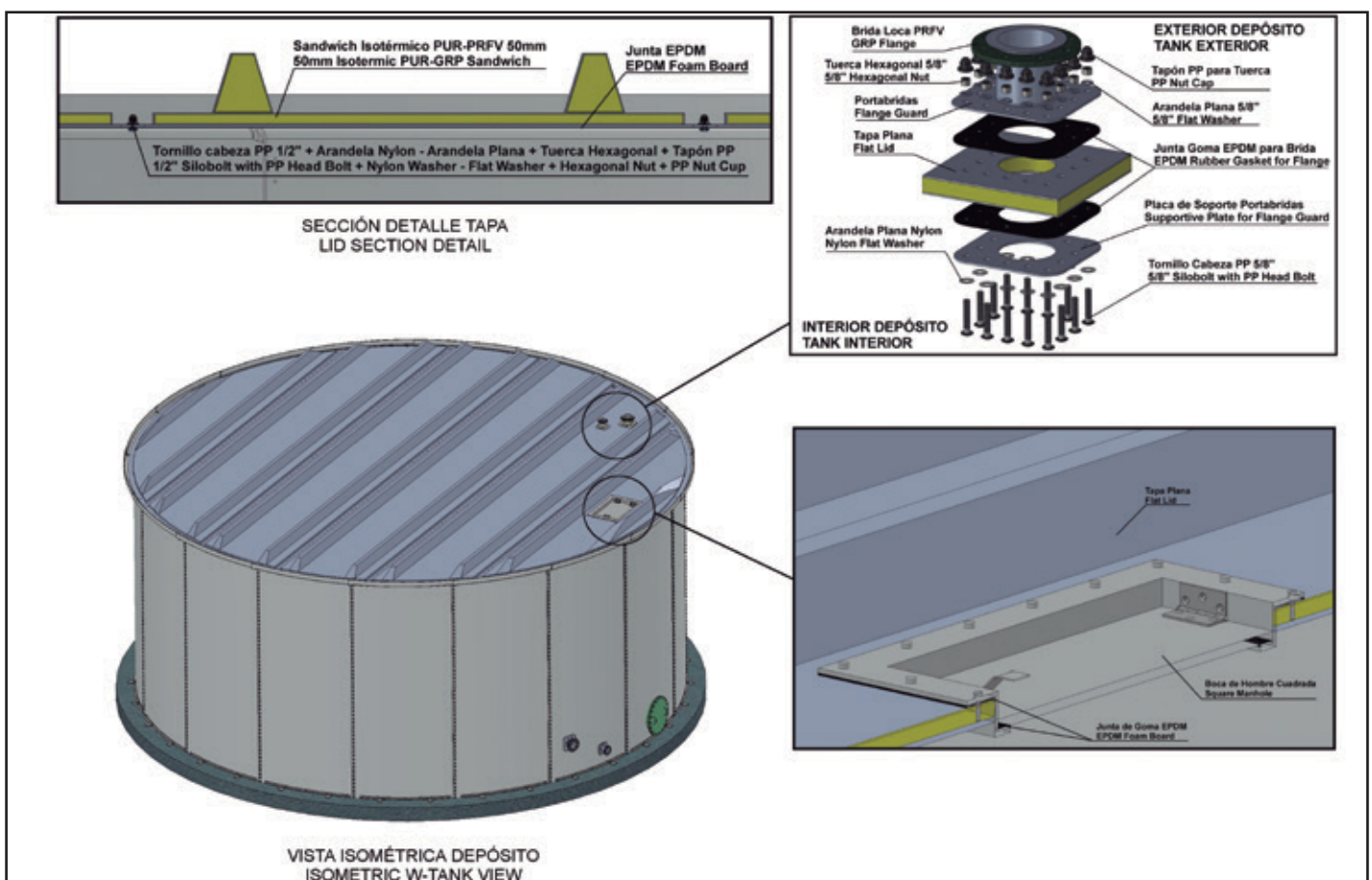
- Elements of the cover in GRP.
- Anchorage supports at the tank.
- Screws - washers - nuts.
- Structural elements.
- Instructional assembly.
- Data sheet and specifications.
- Conformity drawing, anchorage and seal.

Storage Tanks		Flat Cover - Technical Specifications					
No. of Plates Units (N)	Ø m	Ø	No. Elements	No. Pillars	No. Fra-mes	Type 1 Max Load	Type 2 Max Load
		m	Ud.	Ud.	Kg/m ²	Kg/m ²	Kg/m ²
6	4.4	4.6	2	-	-	60	90
7	5.2	5.4	3	-	-	60	90
8	5.9	6.1	3	-	-	60	90
9	6.6	6.8	3	-	-	60	90
10	7.4	7.6	4	1	-	60	90
11	8.1	8.3	4	1	-	60	90
12	8.9	9.1	4	1	-	60	90
13	9.4	9.6	5	1	-	60	90
14	10.1	10.3	5	1	-	60	90
15	10.8	11.0	5	1	-	60	90
16	11.5	11.7	6	5	-	60	90
17	12.3	12.5	6	5	-	60	90
18	13.0	13.2	6	5	-	60	90
19	13.7	13.9	7	5	-	60	90
20	14.4	14.6	7	5	-	60	90
21	15.1	15.3	7	5	-	60	90
22	15.9	16.1	8	5	-	60	90
23	16.6	16.8	8	5	-	60	90
24	17.3	17.5	8	-	3	60	90
25	18.0	18.2	9	-	3	60	90
26	18.7	18.9	9	-	3	60	90
27	19.5	19.7	9	-	3	60	90
28	20.2	20.4	10	-	3	60	90
29	20.9	21.1	10	-	4	60	90
30	21.6	21.8	10	-	4	60	90
31	22.3	22.5	11	-	2	60	90
32	23.1	23.3	11	-	2	60	90
33	23.8	24.0	11	-	4	60	90
34	24.5	24.7	12	-	4	60	90
35	25.2	25.4	12	-	4	60	90
36	26.0	26.2	12	-	4	60	90
37	26.7	26.9	13	-	4	60	90
38	27.4	27.6	13	-	5	60	90
39	28.1	28.3	13	-	5	60	90
40	28.8	29.0	14	-	5	60	90
41	29.6	29.8	14	-	5	60	90
42	30.3	30.5	14	-	5	60	90
43	31.0	31.2	15	-	5	60	90
44	31.7	31.9	15	-	5	60	90
45	32.4	32.6	15	-	5		
46	33.2	33.4	16	-	6		
47	33.9	34.1	16	-	6		
48	34.6	34.8	16	-	6		
49	35.3	35.5	17	-	6		
50	36.0	36.2	17	-	6		
51	36.8	37.0	17	-	6		
52	37.5	37.7	18	-	6		
53	38.2	38.4	18	-	6		
54	38.9	39.1	18	-	7		

Hypar Cover:

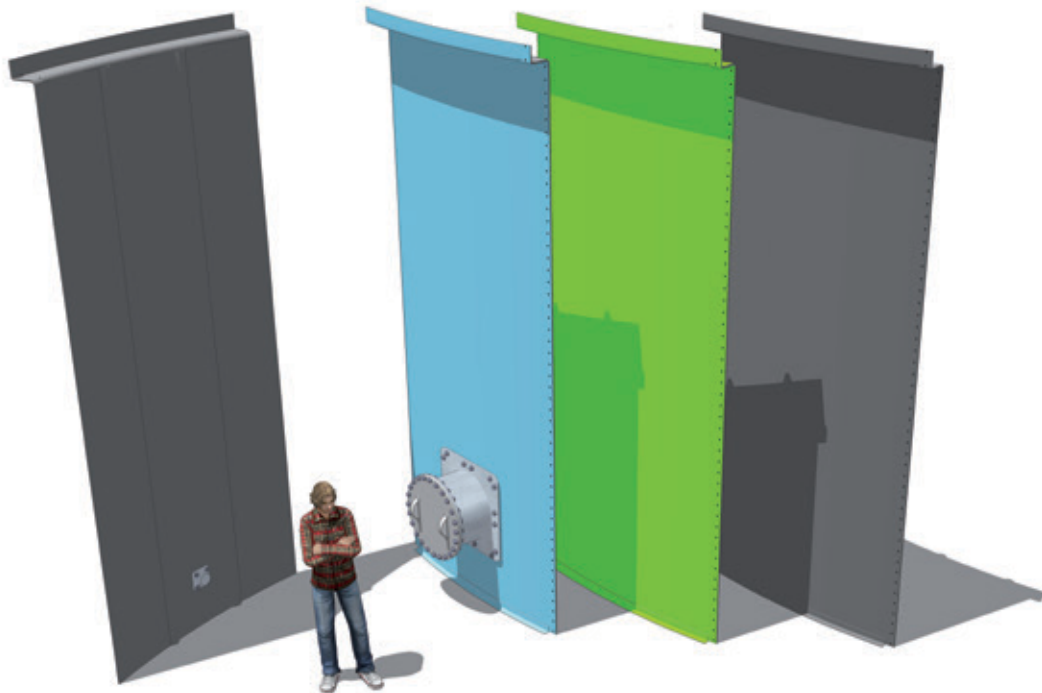


Flat Cover:



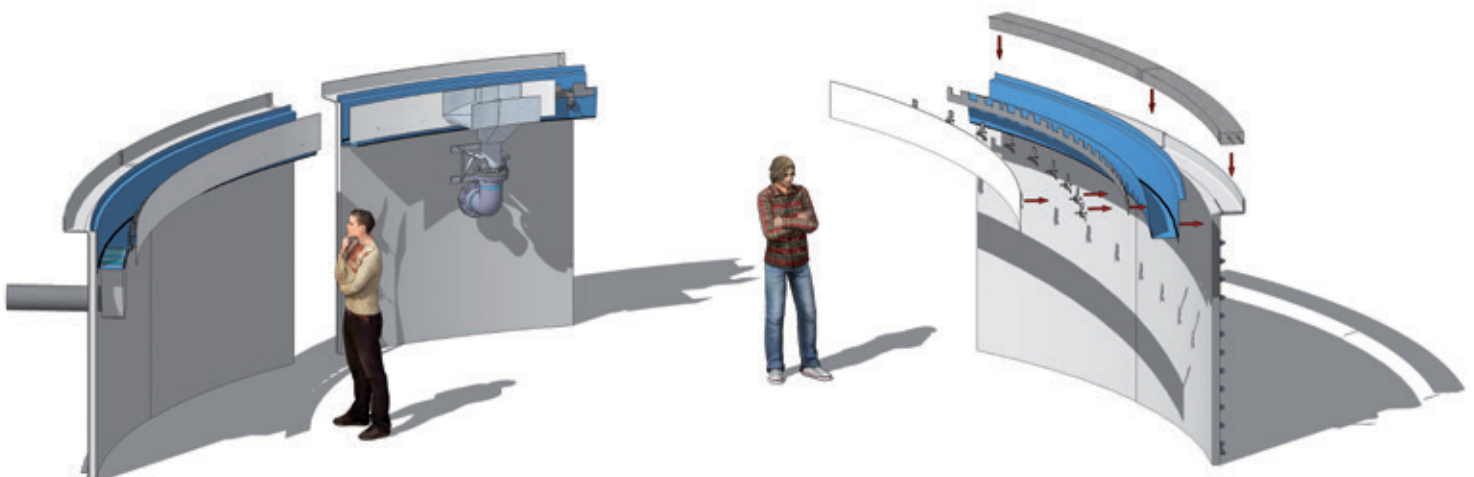
SALAMANCA Plate:

- Salamanca plate: flat plate with 2 interior ribs for securing light accessories without loss of water-tightness.
- Rapid mounting of flanges and manholes on site.
- Weight of the plate depends on Ø and height. Max weight: 600kg/plate.



VALLADOLID Plate:

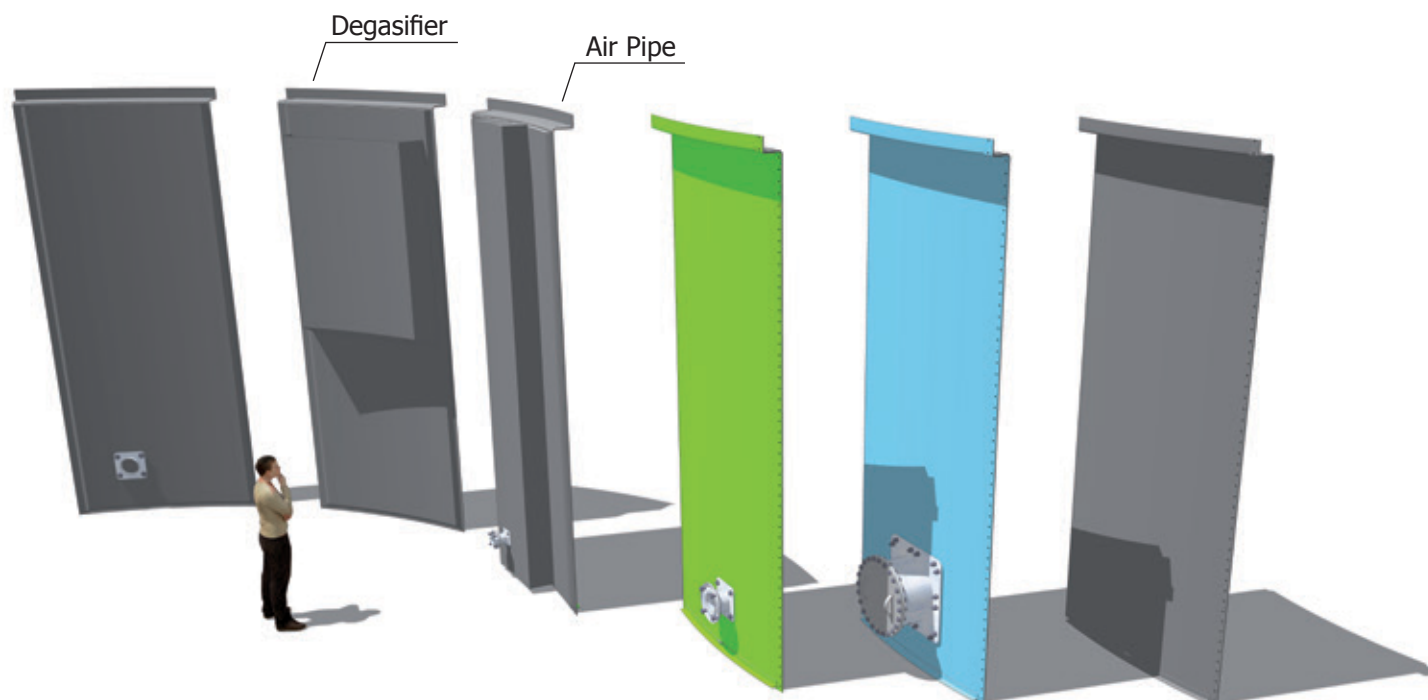
- The Valladolid plate is specifically for settling tanks with a channel to be filled with self-levelling concrete.
- Included a weir kit to incorporate in the plate Valladolid: canal, Thompson spillway and floating deflector.
- The Valladolid plate is highly resistant to buckling, thanks to the reinforcement of the isothermal body: which allows to carry the weight of the bridge.
- Clean and hygienic settling tanks, easy to install and maintain.
- Weight of the plate depends on Ø and height. Max weight: 125kg/plate.



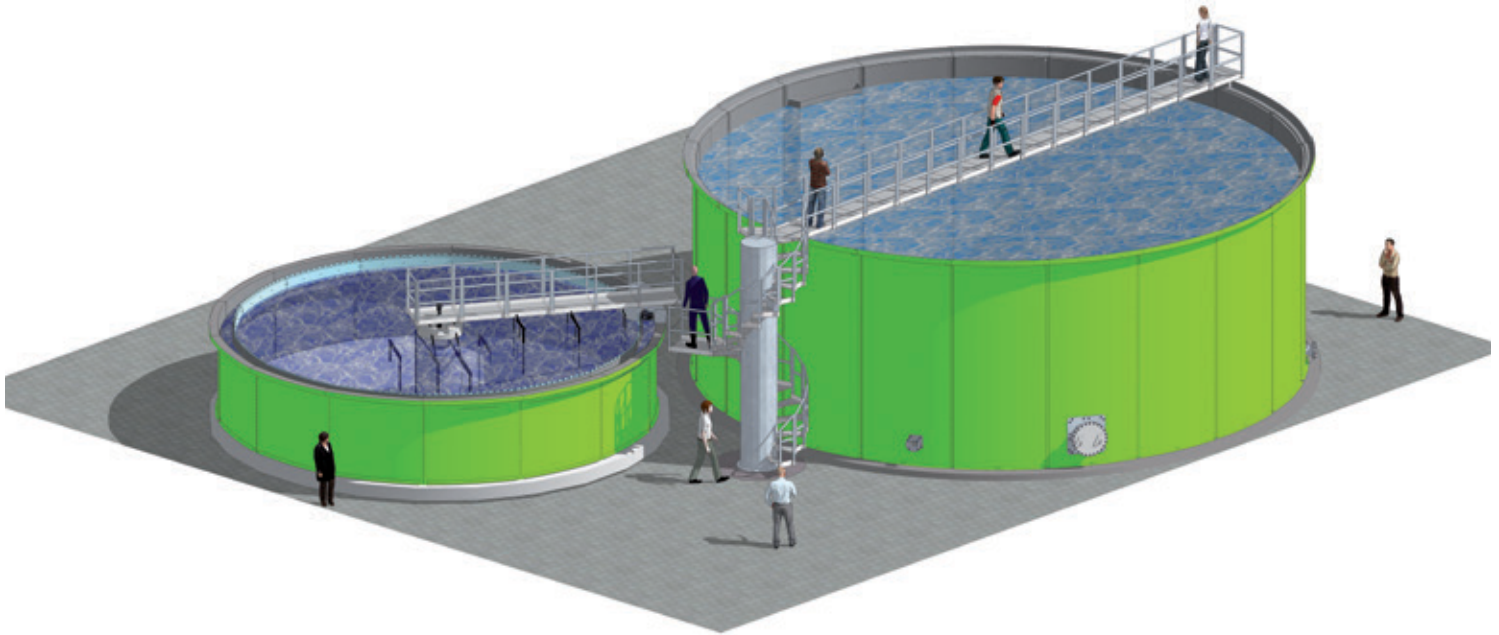
BURGOS Plate:



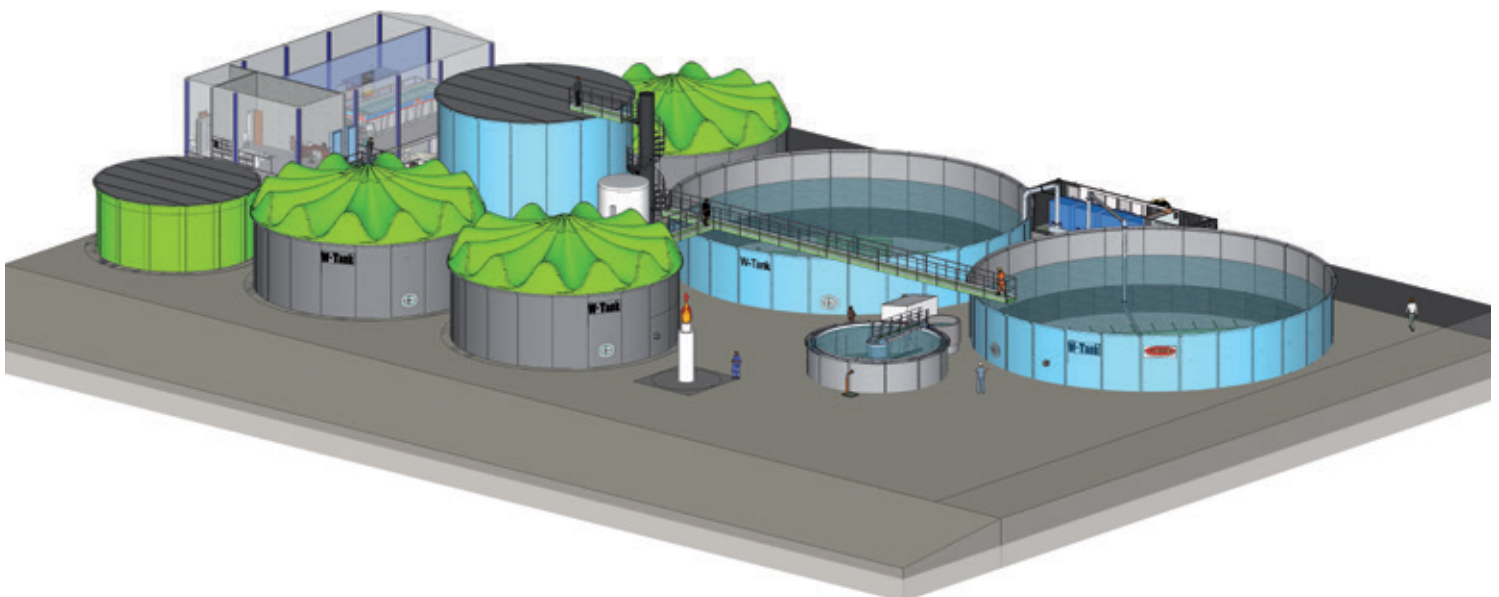
- Has a cellular structure in composite materials, ribbed, which increases its thickness by an additional 45 mm.
- The PUR foam covers the entire plate except the screws and washers.
- Enhanced thermal insulation.
- Vertical load bearing capacity, for example: floating aerator moorings, walkways, buried tanks or tanks inside tanks with different levels of liquid.
(Ask our engineering department about your case).
- Possibility to fasten and secure elements on the entire interior surface of the plate.
- Optional Degasifier: clean water outlet from settler via overflow incorporated into the plate.
- Optional Air Pipe: ingress and egress of blower air through the plate ascending and descending inside the same.
- Weight of the plate depends on $\varnothing$ and height. Max weight: 800kg/plate.



Storage Tank and Settling Tank:



Storages & Settling Tank with Covers:



Ask for access stairs and walkways.

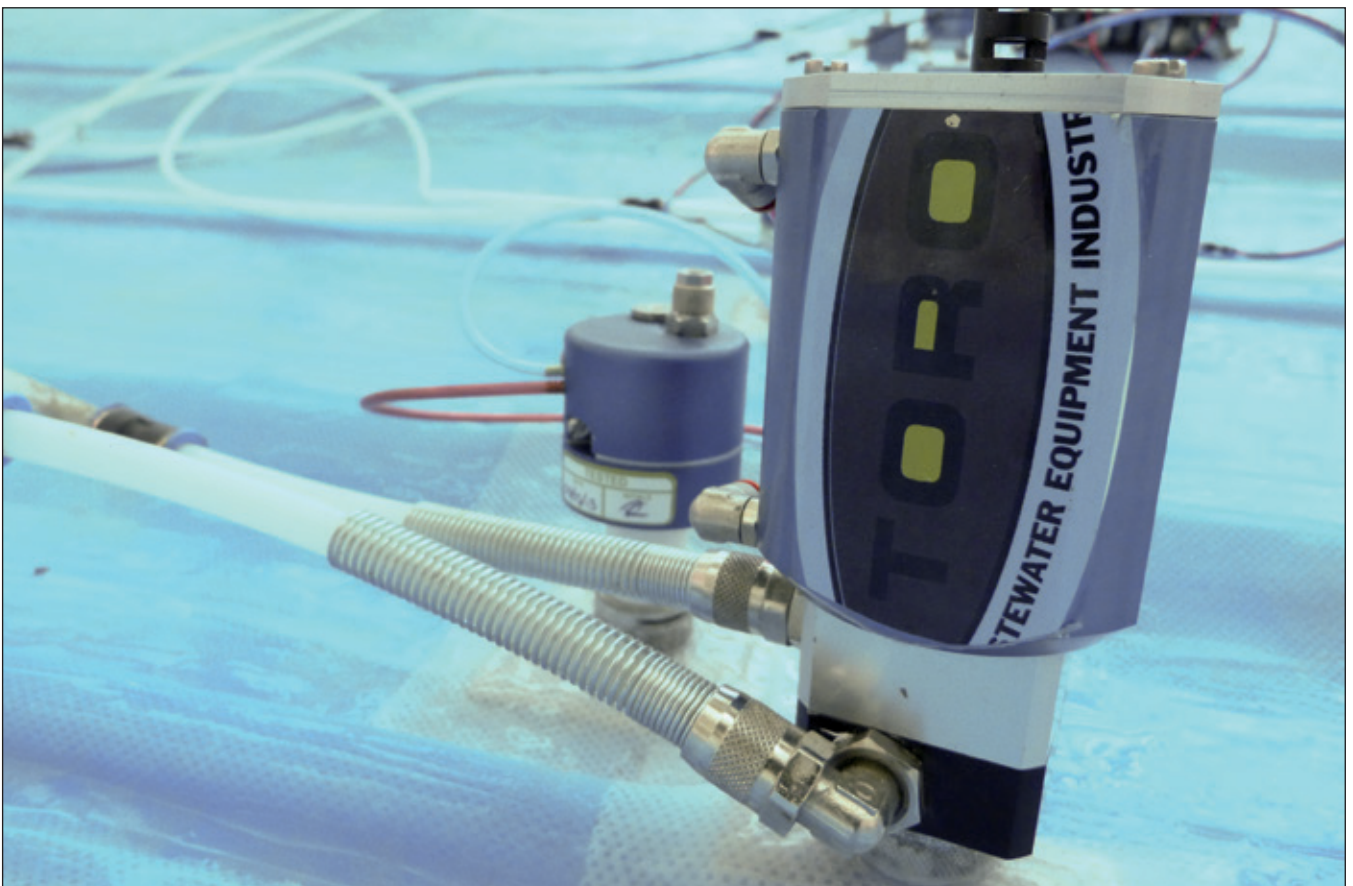
Flex Molding Fabrication Process:

The Flex Molding process is used to obtain reinforced plastic pieces with high glass fiber content, arranged in the direction of the stress, which leads to high mechanical strength.

It consists of injecting a reactive polymer under pressure into the mold which contains the reinforcement in form of fibers, all of which is done in a controlled vacuum environment.

This process of impregnation (Flex Molding) is used to build pieces in a closed mold, making it an ecological process by eliminating emissions and consumables.

It comprises a mold and a die that performs the sealing with the main mold, a vacuum being created between the two to be able to eliminate the air content. The impregnation of resin is achieved by a pressure difference between the injection and venting points inside the mold. The resin enrichment means that the composite has high external and internal protection against chemical agents.



Material specifications: ☺ Recommended ☹ Not Recommended

Table of Chemical Resistance of GRP	
Fluid	Isophthalic resin
Wastewater pH 3-9	☺ 40 °C
Sea Water	☺ 50 °C
Potable Water	☺ 70 °C
Hydrochloric acid 15%	☺ 70 °C
Hydrochloric acid 20%	☺ 70 °C
Hydrochloric acid 35%	☺ 40 °C
Sulphuric acid 10%	☺ 70 °C
Sulphuric acid 77%	☹
Acetic acid 10%	☺ 30 °C
Acetic acid 70%	☺ 35 °C
Acetic acid 100%	☹
Benzyl alcohol	☺ 30 °C
Ethanol 96-100%	☺ 30 °C
Caustic soda 10%	☹
Caustic soda 25%	☹
Caustic soda 50%	☹
Methanol 100%	☺ 35 °C
Gasoline	☺ 40 °C
Kerosene	☺ 50 °C

(For strength and specialty chemicals production temperatures in vinylester)

Physical Characteristics:

Barcol Hardness, GRP	> 45°
Content in Glass, GRP	55 - 65 %
Tensile Strength, GRP *	300 - 400 MPA
Modulus of Elasticity, GRP	20 GPa
Deformation at Breakage, GRP	6 - 7 %
Bending Strength, GRP **	3,300 - 5,000 MPA
Coefficient of Conductivity, GRP ***	0.2 w/m°k
Coefficient of Conductivity, PUR	0.023 w/m°k
Density, PUR	35 k/m³

* Tensile tests carried according to ISO 927-4/2/2.

** Tests carried out on test specimens 7.5 mm. Three point test.

*** Thermal conductivity UNE - EN 12667.

The values vary depending on the different compositions and thickness of the various models.

Composition of the plate from inside to outside:

- Chemical barrier achieved with:
 - Isophthalic Top Coat, 600 microns (nautical quality). Treated to withstand UVA.
 - Glass cap of 1 mm 150 gr/m², special isophthalic resin enrichment in Stratified with high content in high-tensile glass using isophthalic resins.
- Laminated high glass content of high tensile modulus performed on isophthalic resins.
- External chemical barrier: isophthalic Gel Coat 600 microns (nautical quality). Treated to withstand UVA.

The isophthalic resin is authorized for foodstuff applications, such as drinking water for example. Vinylester can be applied on the inside sheet in case of specific liquids or high temperatures.

Other materials utilized:

Standard screws in galvanized steel headed into the tank inner side covered with polypropylene and external part with polypropylene cap.

Gasket of EPDM, ethylene propylene diene monomer or EPDM rubber, an elastomer that offers good resistance to friction and wear. Good resistance to atmospheric agents, acids and alkalis, and chemical products in general. The working temperature varies between -40 and 130 °C.

Screw-Tank sealing according to project specifications or tank contains. Sealed with mastic based polyurethane or nylon gasket.

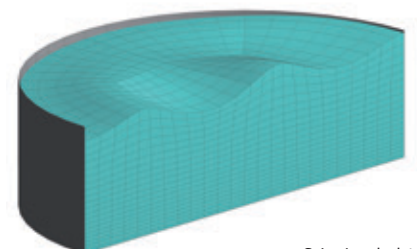
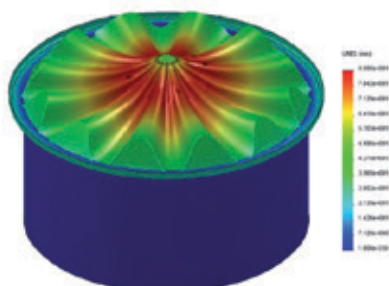
Nylon has a temperature range from -40 to 90 °C; high mechanical resistance, good fatigue resistance, high damping power, good sliding properties, outstanding wear resistance and self-extinguishing.

Internal PUR cores as in the Burgos Plate and Valladolid Plate.

High resistance and self-levelling mortar with low contraction coated with elastic non-harmful paint.

Tests and Calculations:

- The Storage Tanks, Settling Tanks and Covers have been studied and subjected to different quality trials and tests with the collaboration of:



Seismic calculate

Supply:

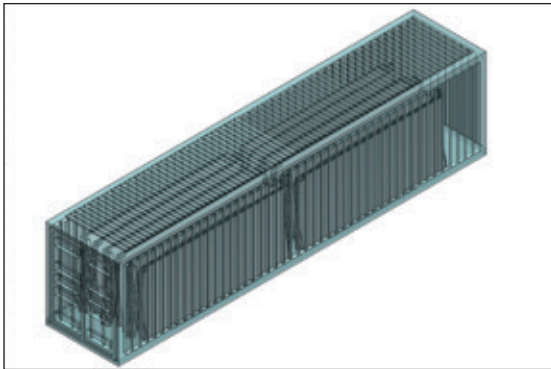
- The W-Tank® plates are delivered in metal or wooden boxes, facilitating transportation as a whole.
- The storage tanks, settling tanks and covers can be transported in 20-foot and 40-foot marine containers as well as on a conventional truck.
- The easy transportation allows the W-Tank® to be shipped to any part of the world.



W-Tank® shipped in a 40' marine container.



Ladder H=11m for W-Tank® supplied in a truck.



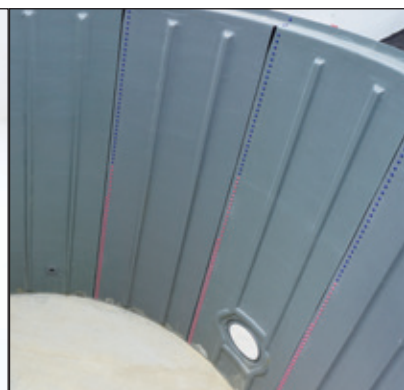
W-Tank®, 36 Salamanca plates, H=5m, D=25m and capacity of 2,534 m³, transported in a 40' marine container.



W-Tank®, H=11m, D=13.2m and capacity of 1,505 m³ loaded in a truck.

Assembly:

- The W-Tank® storage tanks and settling tanks are easily and quickly assembled with little logistics.
- The product allows dismantling and changing of location for re-use in another place.
- Instructions assembly are attached.



Optional Items

Standard ☒ and Optional ☐ items:

BODY:	STORAGE TANK	SETTLING TANK	COVER
Composite Material – Isophthalic Resin	☒	☒	☒
Composite Material – Vinylester Resin	☐	☐	☐
Connection flanges	☐	☐	☐
Oval manhole 735x535 mm from H>4 and N>14, both included	1 ☒	☐	☐
Exterior staircase	☐	☐	-
Internal/external ladder	☐	☐	-
Spiral staircase	☐	☐	-
Diametric walkway	☐	☐	☐
DOCUMENTATION:	STORAGE TANK	SETTLING TANK	COVER
Conformity drawing – construction of slab – anchorage and sealing	☒	☒	☒
Data sheet and specifications	☒	☒	☒
Instructions assembly	☒	☒	☒
CERTIFICATIONS:	STORAGE TANK	SETTLING TANK	COVER
Quality certification	☒	☒	☒
Warranty certification	☒	☒	☒
Sampling and testing certification	☐	☐	☐
COLOR:	STORAGE TANK	SETTLING TANK	COVER
RAL 7005 - Mouse Grey	☒	☒	☒
RAL 6018 - Yellow Green	☒	☒	☒
RAL 5012 - Light Blue	☒	☒	☒
Request RAL Color	☐	☐	☐
OTHER ITEMS:	STORAGE TANK	SETTLING TANK	COVER
Lifting for assembly	☒	☒	☒
Assembly and Dismantling	☐	☐	☐
Rotary Screen 40&63 Defender®	☐	☐	☐
Rotary Screen HPS M&L Defender®	☐	☐	☐
Static Screen Defender®	☐	☐	☐

NOTES:

- The optional equipment has an additional cost. Request information and quotation.
- Technical developments can alter some specifications. See www.toroequipment.com to find the most up-to-date information.



Colors:

- The W-Tank® Storage Tanks, Settling Tanks and Covers are manufactured in Mouse Grey, Yellow Green and Light Blue color, both inside and out.



Standard Color. RAL 7005 - Mouse Grey.



Yellow Green, RAL 6018.



Light Blue, RAL 5012.

- Optionally we can manufacture on request under any RAL color.



Advantages and Applications:

• ADVANTAGES:

- Tank free from corrosion and oxidation.
- Very light.
- Easily transportable.
- Can be installed anywhere in the world.
- Minimal assembly time.
- Easily dismantled and re-used.
- Minimum maintenance.
- Easily installed accessories.

• APPLICATIONS:

- Industrial wastewaters.
- Municipal wastewaters.
- Potable water.
- Desalination.
- Dry products in bulk.
- Agriculture.
- Industrial liquids.
- Bioenergy.
- Biodigester.
- Separation in existing deposits.

Worldwide References



Factory Villavaquerín - Valladolid



Factory La Cistérniga - Valladolid



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 Storage Tanks, Settling Tanks
 and Covers
W-Tank®