

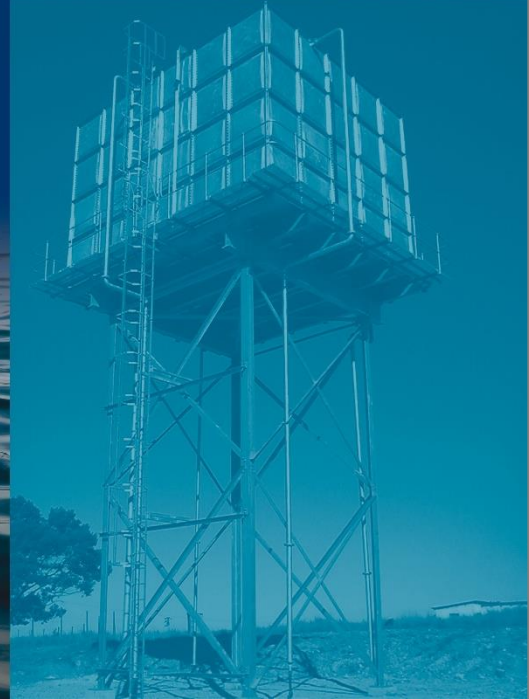
# PRESTANK

Pressed Steel Sectional Water Tanks

sustainable & long term

# WATER STORAGE SOLUTIONS

**STRUCTA**  
technology



# Pressed Steel Sectional Water Tanks



Structa Technology's PRESTANKS offer a **hygienically safe, cost effective** and **reliable** way to store water for commercial sectors, industrial, agricultural, residential and even private water storage applications.



PRESTANK



# Pressed Steel Sectional Water Tanks



Typically **permanent or temporary** erection at:

mines	powerstations	building sites	hospitals
water affairs	municipalities	rural communities	agriculture

**PRESTANK** therefore offer a wealth of **water storage solutions**.

# Ground Level Tanks



PRESTANK



# Elevated Tanks



# Technical Information



**Capacities range from  
1,500 litres to 4,2 million  
litres**



**Designed to SANS  
10329:2004 guidelines and  
SANS structural codes**



**Patented South African  
manufactured product**



**Stand heights up to 30m  
can be supplied**

# Corrosion Protection



---

STRUCTA's pressed steel sectional tanks are **hot dip galvanized** for corrosion control in accordance with the requirements of the **SANS 121 (ISO 1464)** galvanizing standard.

---

The **thickness** of the hot dip galvanizing coat is applied within a **range of 80 to 100µm**. This is more than five times the thickness of zinc or pre galvanized corrugated steel cylindrical tanks.

---

The purpose is to ensure **extended maintenance free life** in situations where water with aggressively corrosive properties is required to be store.

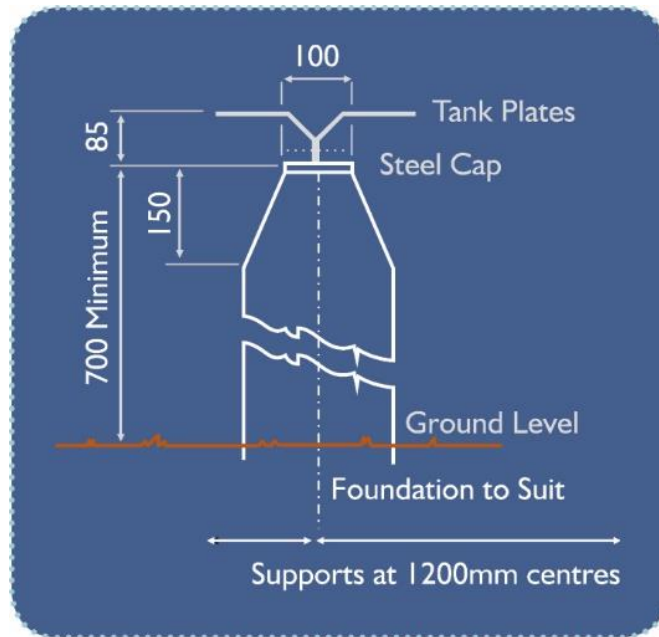
---

STRUCTA TECHNOLOGY PRESTANKS are water storage solutions of **high standard and quality**.

---



# Recommended Dimensions for Support





# Benefits to choosing PRESTANK



•It facilitates construction of an infinite range of sizes and configurations to meet the specifications and needs of the client. **Handrails, walkways and lightning protection** are just a few examples of the features available to our clients.

The profile panel sections provide **excellent strength properties** and are structurally sound for storing water. The stand is designed strictly in accordance with SANS 10160 for wind and SANS 10162 for Structural Steel work.

Tanks mounted on steel towers above ground level have an **aesthetically pleasing appearance**.

The sectional tank design, facilitates **easier handling and transportation over long distances to remote areas**, regardless of the final dimensions of the assembled unit.

**Assembly on site is quickly achieved** without the need for sophisticated tooling methods.

**Minimum maintenance** is required because the galvanized steel panels **resist weathering** from the elements, while maintaining the integrity of the water within from contamination of most forms.

Access to the water tank can be restricted by means of **lockable ventilated access cover**, providing safety and peace of mind to our clients.

# PLANNING TABLE

SIZE IN PLAN (Modules)	ONE module deep			TWO module deep			THREE module deep			FOUR module deep		
	No. of plates	Approx. capac. Litres	Approx. Mass Ton	No. of plates	Approx. capac. Litres	Approx. Mass Ton	No. of plates	Approx. capac. Litres	Approx. Mass Ton	No. of plates	Approx. capac. Litres	Approx. Mass Ton
1 x 1	5	1521	0.40	9	3240	0.69	13	4968	1.08	17	6696	1.51
2 x 1	8	3024	0.66	14	6840	1.12	20	9936	1.50	26	13392	2.14
2 x 2	12	6048	1.06	20	12960	1.71	28	19872	2.66	36	26754	3.50
3 x 2	16	9072	1.43	26	19440	2.95	36	29808	3.50	46	40176	4.57
3 x 3	21	13608	1.90	33	29160	3.28	45	44712	4.46	57	60264	5.74
4 x 3	26	18144	2.39	40	38880	3.65	54	59616	5.50	68	80352	7.00
4 x 4	30	24192	2.99	48	51840	4.56	64	79488	6.59	80	107136	8.30
5 x 4	38	30240	3.60	56	64800	5.21	74	99360	7.79	92	133920	9.72
5 x 5	45	37800	4.30	65	81000	6.07	85	124200	8.08	105	167400	10.22
6 x 5	52	45360	5.01	74	97200	6.98	96	149040	10.38	118	200880	12.73
6 x 6	60	54432	5.83	84	116640	8.00	108	178848	11.84	132	241056	14.41
7 x 6	68	63504	6.50	94	136080	9.36	120	208656	13.27	146	281232	16.05
7 x 7	77	74088	7.49	105	158760	10.14	133	243432	14.84	161	328104	17.84
8 x 7	86	84672	8.12	116	181440	11.04	146	278208	16.40	184	374976	19.61
8 x 8	96	96768	9.41	128	207360	12.49	160	317952	18.09	192	428544	21.15
9 x 8	106	108864	10.06	140	233280	13.16	174	357696	19.79	208	482112	23.43
9 x 9	117	122472	11.07	153	262440	15.39	189	402408	21.61	225	542376	25.29
10 x 9	128	136080	12.18	166	291600	16.39	204	447120	23.42	242	602640	27.49
10 x 10	140	151200	13.38	180	324000	17.50	220	496800	25.37	260	669600	29.65

# SUSTAINABLE AND LONG TERM WATER STORAGE SOLUTIONS

PRESTANK is manufactured by



*Structa Technology is part of the  
Structa Group of Companies*  
[www.structa.co.za](http://www.structa.co.za)

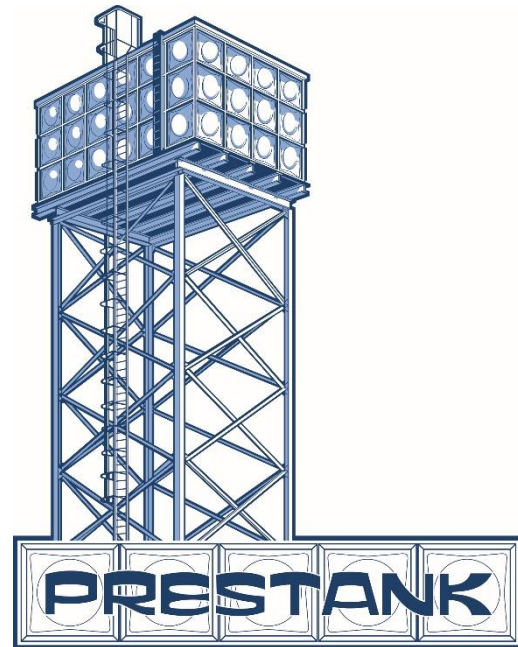
**Tel:** (016) 3629100

**Sales and Marketing:** [tanks@structatech.co.za](mailto:tanks@structatech.co.za)

**Estimator:** [watertanks@structatech.co.za](mailto:watertanks@structatech.co.za)

**Director:** [rodney@structa.co.za](mailto:rodney@structa.co.za)

**[www.prestank.co.za](http://www.prestank.co.za)**



**Pressed Steel  
Sectional Water Tanks**