

Conder® STORAGE TANKS



THE PARTNER OF CHOICE



Premier Tech Aqua has significant experience in the design, manufacture and supply of GRP storage tanks suitable for storing a wide range of clean or corrosive liquids.

Our Conder storage tank solutions offer considerable cost savings through a value engineered design that reduces the need for civil works, limits staff time required on site and which is designed and manufactured under robust factory controlled conditions.

Technical Excellence

Our unrivalled expertise in the design and manufacture of large scale storage tank solutions means we can continually meet the expectations of our client's site requirements. From our range of Conder standard tanks to our custom-made design and engineered systems, Premier Tech Aqua consistently delivers high performance and specialist product storage that complies with all industry standards (BS 4994 & BSEN 976).

Conder[®]
STORAGE TANKS

Quality

All our Conder Storage Tanks are rigorously tested and QC checked to ensure we consistently deliver the high standards Premier Tech Aqua is recognised for.

Versatility

All Conder storage tanks are available with condition specific resins, all of which comply fully with Industry and WRAS approval standards.

Durability

Manufactured at our on-site production plant – the largest manufacturing storage tank facility in Europe – our storage tanks provide customers with the reassurance of excellent mechanical strength combined with a lightweight construction for ease of installation.

Resistance

All our tanks are corrosive and maintenance free and guarantee complete chemical resistance, suitable for storing a wide range of liquids at a range of temperatures.

PRODUCT RANGE

Premier Tech Aqua offers a comprehensive range of both above and below ground storage tank solutions.

Above Ground

Premier Tech Aqua offers an extensive product range of above ground storage tanks. Offering varying diameter mandrels from 1,000 and 250,000 litres (as detailed in specification table on page 4). Our inhouse design engineering team can provide you with a purposely sized tank, tailo-made to your specification and fully compliant with BS4994:1987. Choose from a range of cylindrical tanks, vertical, vertical bunded and horizontal, available with storage capacities of between 1,000 and 250,000 litres (breakdown below). Our on-site manufacturing process also means we can customise your product, constructing wall thicknesses to suit product and temperature, whilst you continue to benefit from our low cost processes and economies of scale.

CVT: Vertical

1,000 – 150,000 litres



CVTB: Vertical Bunded

1,500 – 60,000 litres



CHT: Horizontal

1,000 – 250,000 litre



BELOW GROUND

Attenuation Tanks

We offer a wide range of tank sizes designed to meet all project requirements. Combine this with full technical assistance and you are assured that your attenuation system meets predicted storm water capacity and allowable discharge rates. All our systems come with resin rich interior walls that provide a durable, chemical and corrosion resistant surface with excellent flow characteristics. This is combined with flow regulators to ensure a controlled discharge of water in line with local authority regulations.

Choices to enhance your attenuation system include a range of load bearing and non-load bearing interior partitions. A choice of access shafts to fit height specifications, a selection of inlet and outlet connections to required size and angulation and a range of pumps to elevate storm water to the local mains system.

Sprinkler Tanks

Our comprehensive range of underground sprinkler systems provides a solution to fit every project and site requirement. Available with optional load bearing partitions to separate dry pumping chambers and water storage tanks, low level sumps to maximise storage and discharge capacity and tailored access solutions, you can be assured that whatever your project need, Premier Tech Aqua will have the sprinkler tank to suit.

General Underground Tanks

Premier Tech Aquas product range of general use underground tanks are designed to store a wide range of corrosive or clean liquids. Tanks are structured in three layers – from BS5705 material – and can incorporate additional resins to ensure enhanced tank performance, increased durability and safe, risk-free storage. Our underground tanks are available as either a packaged product, engineered solution or a combination of both.

Peripherals

A wide range of Conder ancillary products and optional extras – including ladders and platforms, side access manways and instrumentation – are all available to complement your storage tank application.

- Vortex flow regulators
- Submersible pumps and equipment access ladders
- Access extensions
- Ball floats
- Check valves
- Vortex inhibitors

Specifications

Metre Diameter of Vessel	Capacity (litres)	Length (mm)	Weight Empty (kg)
1.0	1000	1400	50
1.0	1500	2036	70
1.0	2000	3310	105
1.0	3000	3946	120
1.0	5000	6493	190

1.2	1500	1480	75
1.2	2500	2366	110
1.2	3000	2810	125
1.2	4500	4135	175
1.2	6000	5460	230
1.2	8000	7230	300

1.5	3000	1947	155
1.5	6000	3645	285
1.5	7500	4495	350
1.5	9000	5343	410
1.5	12000	7040	540
1.5	15000	8738	670

1.8	5000	2265	175
1.8	9000	3837	300
1.8	12000	5016	400
1.8	15000	6195	490
1.8	18000	7374	590
1.8	22000	8946	710
1.8	27000	10911	875
1.8	30000	12090	975

2.5	15000	3510	670
2.5	18000	4120	760
2.5	22000	4930	880
2.5	27000	5950	1030
2.5	30000	6560	1150
2.5	40000	8600	1440
2.5	50000	10640	1705
2.5	60000	12670	2000
2.5	70000	14710	2300
2.5	84000	17560	2700

3.0	25000	4040	1100
3.0	50000	7570	1825
3.0	80000	11820	2700
3.0	90000	13230	3000
3.0	100000	14650	3300
3.0	110000	16060	3600
3.0	120000	17480	3850
3.0	130000	18890	4150
3.0	140000	20300	4450
3.0	150000	21720	4750

4.0	50000	4640	2475
4.0	100000	8610	3950
4.0	150000	12590	5375
4.0	165000	13790	5825
4.0	180000	14980	6250
4.0	200000	16570	6850
4.0	220000	18160	7450
4.0	240000	19750	8050
4.0	250000	20560	8350

Tables are strictly for guidance only. Tanks are generally sized and manufactured to suit the application.

Weights are for basic vessels, concrete surround installation and all fittings need to be added.