

A.C. Plastic Industries

For over forty years AC Plastic Industries Ltd. has been a leader in the field of specialised plastics technology and engineering. The company's success has been greatly influenced by a steadfast commitment to the research and development of its products and its quality management systems which are approved to ISO 9001 : 2008. The company is based in Basingstoke, providing the following range of products:

Sectional Storage Tanks - AQUASTOW

Panels are manufactured by the Hot Press Moulding process for optimum engineered precision and high performance finish at a closely controlled temperature of 140°C.

Mechanised production process ensures guaranteed manufacturing tolerances of +/- 0.5mm.

Aquastow's precisely formulated sheet moulding compound provides a smooth, crevice-free panel surface that is impervious on all sides.

All Aquastow mouldings are UV stabilised conforming to BS 5734 : Part 5 The Aquastow tank bracing design eliminates "point loads".

AQUATHERM Insulated Panels are supplied with a waterproof skin with a calculated heat transmittance of 0.489 w/m² °C.

Tanks can be erected on screeded bases, steel beams or piers.

In order to meet individual needs of each installation design, a wide range of optional accessories are available including ball valve boxes, float switches, remote gauges, access door designs etc.

Approvals

SPRINKLER TANKS to 1300m³ approved by BRE/LPCB (Approval No. 065a/1) LPS 1245 (065b) LPS1276.

SECTIONAL WATER TANKS for Domestic Cold Water Storage tested and approved by the Water Regulations Advisory Service.

QUALITY ASSURED



One Piece Storage Tanks - DURABLE

The water tanks are formed as one piece or split mouldings manufactured from unsaturated polyester resin, reinforced with glass fibre to BS/EN 13280:2001. Tanks are unaffected by extremes of temperature.

Durable tanks are tested and approved by the Water Regulations Advisory Service.

With the awareness of legionella and water borne health hazards, the interior surfaces are smooth with generous radii to facilitate official and thorough cleaning. The availability of the pre-insulated tanks enables stored water to be protected against heat gain, keeping water below the recommended 20°C as protection against legionella.

Inner surfaces are Isophthalic gel coated approved by the Water Research Centre for storage of portable water.

Rectangular containers, with non-standard shapes and sizes are available to order.

Internal surfaces are smooth with generous radii, external, natural lay up finish.

To comply with the Water Supply (Water Fittings) Regulations 1999 all tanks are available with lids, vents, warning pipes and screened overflow.

Durable tanks will not react to any materials or jointing compounds approved for the use in water supply and storage. If chemicals are to be stored in our vessels, consult us prior to ordering for technical advice.

A.C. Plastic Industries Limited
Unit J Loddon Business Centre
Roentgen Road
Basingstoke
Hampshire RG24 8NG

Tel : 01256 329334
Fax : 01256 817862
www.ac-plastics.com
sales@ac-plastics.com

Water Tanks



AQUASTOW SECTIONAL TANK SIZES

Selection of Tanks showing internal size, net volume & weight

Tanks with externally bolted sides, internally bolted base & heavy duty covers

1000 Deep Tank				Internal Tank	1500 Deep Tank			
Ref Code	Packed Volume	Approx Weight Kg	Nominal Capacity Litres	Size Length x Width (1m & 1.5m Tanks)	Ref Code	Packed Volume	Approx Weight Kg	Nominal Capacity Litres
AC.8	0.81	194	2000	2000 x 1000	AC.8/6	1.05	290	3000
AC.11	1.11	264	3000	3000 x 1000	AC.11/8	1.44	389	4500
AC14	1.41	335	4000	4000 x 1000	AC.14/10	1.83	489	6000
AC.12	1.27	300	4000	2000 x 2000	AC.12/8	1.63	464	6000
AC.16	1.73	406	6000	3000 x 2000	AC.16/10	2.19	620	9000
AC20	2.2	512	8000	4000 x 2000	AC.20/12	2.76	775	12000
AC.24	2.66	617	10000	5000 x 2000	AC.24/14	3.32	930	15000
AC.26	2.98	699	12000	4000 x 3000	AC.26/14	3.64	1004	18000
AC.31	3.6	830	15000	5000 x 3000	AC.31/16	4.37	1196	22500
AC.36	4.23	970	18000	6000 x 3000	AC.36/18	5.1	1389	27000
AC32	3.77	865	16000	4000 x 4000	AC.32/16	4.54	1234	24000
AC.38	4.55	1042	20000	5000 x 4000	AC.38/18	5.43	1463	30000
AC44	5.33	1219	24000	6000 x 4000	AC.44/20	6.33	1693	36000
AC.50	6.11	1396	28000	7000 x 4000	AC.50/22	7.22	1922	42000
AC.66	8.31	1892	40000	8000 x 5000	AC.66/26	9.66	2529	60000
AC.45	5.48	1254	25000	5000 x 5000	AC.45/20	6.49	1730	37500
AC.52	6.43	1467	30000	6000 x 5000	AC.52/22	7.54	1996	45000
AC.60	7.53	1715	36000	6000 x 6000	AC.60/24	8.77	2300	54000
AC.68	8.62	1963	42000	7000 x 6000	AC.68/26	9.99	2604	63000
AC.77	9.88	2246	49000	7000 x 7000	AC.77/28	11.38	2944	73500

2000 Deep Tank				Internal Tank	3000 Deep Tank			
Ref Code	Packed Volume	Approx Weight Kg	Nominal Cap. Lts.	Size Length x Width (2m & 3m Tanks)	Ref Code	Packed Volume	Approx Weight Kg	Nominal Cap. Lts.
AC.20/2	2.01	641	8000	2000 x 2000	AC28	2.74	1024	12000
AC.26/2	2.67	858	12000	3000 x 2000	AC.36/3	3.59	1347	18000
AC.32/2	3.52	1120	18000	3000 x 3000	AC.45/3	4.63	1721	27000
AC.40	4.36	1381	24000	4000 x 3000	AC.54	5.67	2094	36000
AC.48	5.40	1688	32000	4000 x 4000	AC.64	6.91	2518	48000
AC.47	5.20	1642	30000	5000 x 3000	AC.63	6.71	2467	45000
AC.56/2	6.41	1994	40000	5000 x 4000	AC.74/3	8.12	2939	60000
AC.65	7.60	2344	50000	5000 x 5000	AC85	9.53	3413	75000
AC.74/2	8.79	2695	60000	6000 x 5000	AC.96	10.94	3885	90000
AC.84	10.16	3090	72000	6000 x 6000	AC.108	12.55	4408	108000
A.C94	11.53	3485	84000	700 x 6000	AC.120	14.12	4929	126000
AC.104	12.90	3880	96000	8000 x 6000	AC.132	15.72	5453	144000
AC.105	13.07	3924	98000	7000 x 7000	AC.133	15.89	5501	147000
AC116	14.61	4364	112000	8000 x 7000	AC.146	17.67	6072	168000
AC.127	16.50	4803	126000	9000 x 7000	AC159	19.44	6644	189000
AC.128	16.33	4848	128000	8000 x 8000	AC.160	19.63	6695	192000
AC.140	18.04	5332	144000	9000 x 8000	AC.174	21.58	7315	216000
AC.152	19.76	5816	160000	10000 x 8000	AC.188	23.54	9737	240000
AC.153	19.93	5860	162000	9000 x 9000	AC.189	23.71	7985	243000
AC.180	23.89	6962	200000	10000 x 10000	AC.220	28.18	9377	300000
AC.194	25.94	7534	220000	11000 x 10000	AC.236	30.49	10996	330000
AC.209	28.18	8151	242000	11000 x 11000	AC.253	32.99	10866	363000
AC.240	32.83	9431	288000	12000 x 12000	AC.288	38.20	12456	432000

1) Capacities are based on 1000L to m³.

4) 1000 Lts. = 220 gallons.

2) All weights are inclusive of jointing nuts, bolts, washers, stays & all external steelwork.

5) For containerisation allow 5% extra weight for packing and 20% on net volume shown above.

3) 2.5, 3.5 & 4m deep tanks are also available.



A.C. Plastic Industries Limited