

Slurry Tank Capacity Chart For 3 and 4 Ring Tanks - (2-5 Rings are Available)

Nominal Wall Height 4.27m (3 rings)					Nominal Wall Height 5.67m (4rings)				
Model	Diam (m)	Capacity		Freeboard Gallons	Model	Diam (m)	Capacity		Freeboard Gallons
		m3	Gallons				m3	Gallons	
3415	10.25	348	76,654	5,442	3420	10.25	464	102,049	5,442
3615	11.10	409	89,962	6,386	3620	11.10	544	119,765	6,386
3915	11.95	474	104,335	7,407	3920	11.95	631	138,899	7,407
4215	12.81	544	119,772	8,503	4220	12.81	725	159,451	8,503
4515	13.66	620	136,274	9,674	4520	13.66	825	181,420	9,674
4815	14.52	699	153,841	10,921	4820	14.52	931	204,806	10,921
5015	15.37	784	172,472	12,244	5020	15.37	1,044	229,609	12,244
5315	16.22	874	192,168	13,642	5320	16.22	1,163	255,830	13,642
5615	17.08	968	212,929	15,116	5620	17.08	1,289	283,468	15,116
5915	17.93	1,067	234,754	16,665	5920	17.93	1,421	312,524	16,665
6215	18.79	1,171	257,644	18,290	6220	18.79	1,559	342,996	18,290
6415	19.64	1,280	281,598	19,990	6420	19.64	1,704	374,887	19,990
6715	20.49	1,394	306,617	21,766	6720	20.49	1,856	408,194	21,766
7015	21.35	1,512	332,701	23,618	7020	21.35	2,014	442,919	23,618
7315	22.20	1,636	359,849	25,545	7320	22.20	2,178	479,061	25,545
7615	23.05	1,764	388,062	27,548	7620	23.05	2,349	516,621	27,548
7815	23.91	1,897	417,340	29,627	7820	23.91	2,526	555,597	29,627
8115	24.76	2,035	447,682	31,781	8120	24.76	2,709	595,992	31,781
8415	25.62	2,178	479,089	34,010	8420	25.62	2,900	637,803	34,010
8715	26.47	2,326	511,561	36,315	8720	26.47	3,096	681,032	36,315
9015	27.32	2,478	545,097	38,696	9020	27.32	3,299	725,678	38,696
9215	28.18	2,635	579,698	41,152	9220	28.18	3,508	771,742	41,152
9515	29.03	2,797	615,364	43,684	9520	29.03	3,724	819,223	43,684
9815	29.89	2,964	652,094	46,292	9820	29.89	3,947	868,121	46,292
10115	30.74	3,136	689,889	48,975	10120	30.74	4,175	918,437	48,975
10415	31.59	3,313	728,748	51,733	10420	31.59	4,410	970,169	51,733
10615	32.45	3,494	768,672	54,567	10620	32.45	4,652	1,023,320	54,567

All Permastore Slurry Tanks sold in the UK comply with BS5502 parts 50 & 22 and The Contract of Pollution (Silage, Slurry and Agricultural Fuel Oil) (Scotland) regulations 1992 and 2001

Typical Capacity Guide for Cows

Typical capacity for cow slurry = no. of cows x 12 gallons (54 Litres) x no. of days storage required.
 Typical capacity for washing etc. = no. of cows x 4 gallons (18 Litres) x no. of days storage required.
 = gallons of slurry storage required.

Typical Capacity Guide for Pigs

Typical capacity for pig slurry = no. of pigs x 1.5-2.0 gallons (7-10 Litres) x no. days storage required.
 = gallons of slurry storage required.

N.B. Allowances should be made for the following when calculating sizes for slurry tanks:

- Dirty Water** from open yard areas (500 gallons per 1000sq.ft area for every inch of water).
- Rainfall** on the tank itself.
- Freeboard** - regulations state that 300mm (1ft) must be left between the slurry level and the top of the tank.



A Typical Permastore® Slurry Storage System

Ladder and Platform

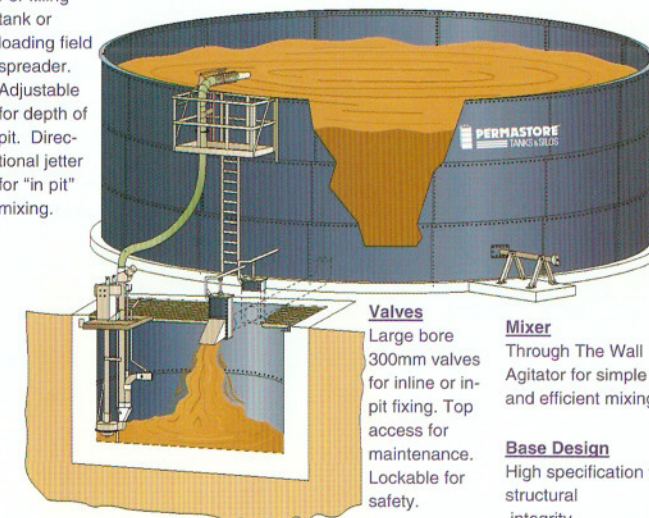
Handrails and trapdoor for safety. Removable ladder to prevent access by children.

Jetter

Easy to operate directional jetter to reduce slurry crusts.

Pump

For filling tank or loading field spreader. Adjustable for depth of pit. Directional jetter for "in pit" mixing.



Valves

Large bore 300mm valves for inline or in-pit fixing. Top access for maintenance. Lockable for safety.

Mixer

Through The Wall Agitator for simple and efficient mixing.

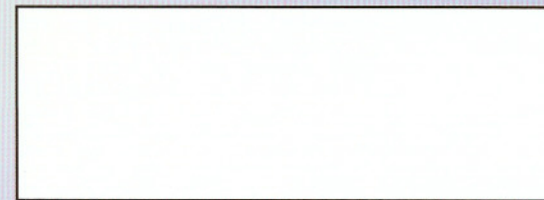
Base Design

High specification for structural integrity.



PERMASTORE®
TANKS & SILOS

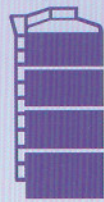
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 Contact: David Boyce/Mobile 087 2567939

specification without notice. This leaflet reflects the general presentation of product only and any application is subject to limitations of data made available at time of purchase. All measurements are nominal. Capacities are brimful and may reduce with concrete base slab and freeboard. © Copyright 2005 Permastore Limited.

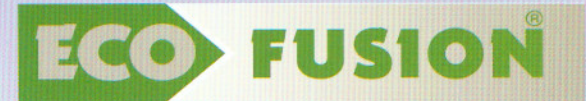
Slurry Management



PERMASTORE[®]

TANKS & SILOS

Pollution Control



ECOFUSION[®] is used for:

- Livestock effluent tanks
- Moist grain silos

External Slurry Tank Colours

12 - B - 29
(RAL 6006)
MUNSELL 2.5 GY 2/2

20 - C - 40
(RAL 5013)
MUNSELL 5PB 2/4



PermaStore are the market leaders in slurry store management and pollution control, serving farmers for over 35 years.

Years of Experience

First used over 40 years ago in the harsh conditions of forage and moist grain silos, Glass-Fused-to-Steel tanks and silos have proved to be the most reliable and economic solution to many environmental and conservation problems around the world.

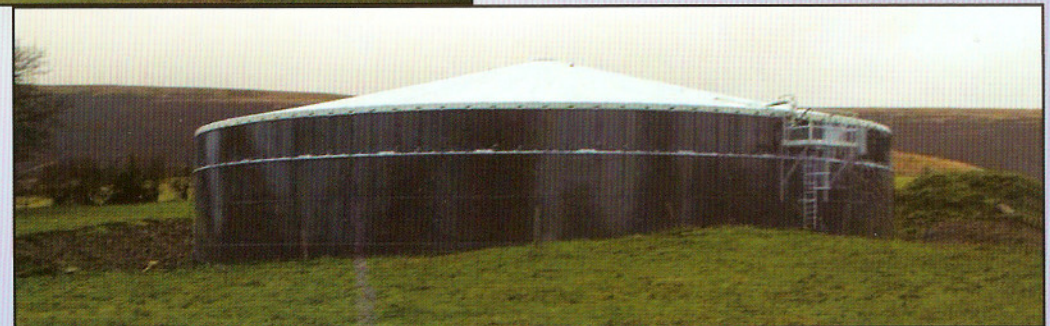
PermaStore effectively supports its dealers to achieve and maintain the very highest standards.

30 Year Design Life

PermaStore[®] Glass-Fused-to-Steel structures have been utilised extensively for the storage agricultural livestock effluent. The experience we have accrued over a period in excess of 35 years in association with independent assessment, continuous product development and improved quality provides a sound basis for a minimum 30 year Design Life compliant with ISO 15686 - 1 - 2 - 3.



PermaStore are the only UK Slurry Tank Supplier with a continuous trading history exceeding 35 years.



The Slurry Storage Solution Experts