

A PVC and Aluminium dome solution for slurry management and pollution control...



- Rapid and easy installation
- Design life compatible with Glass-Fused-to-Steel tanks
- Low capital costs
- Ease of transportation
- Excellent UV qualities

- Excellent odour control barrier
- Designed to fit onto new and existing tanks
- Clear span dome – no central supports

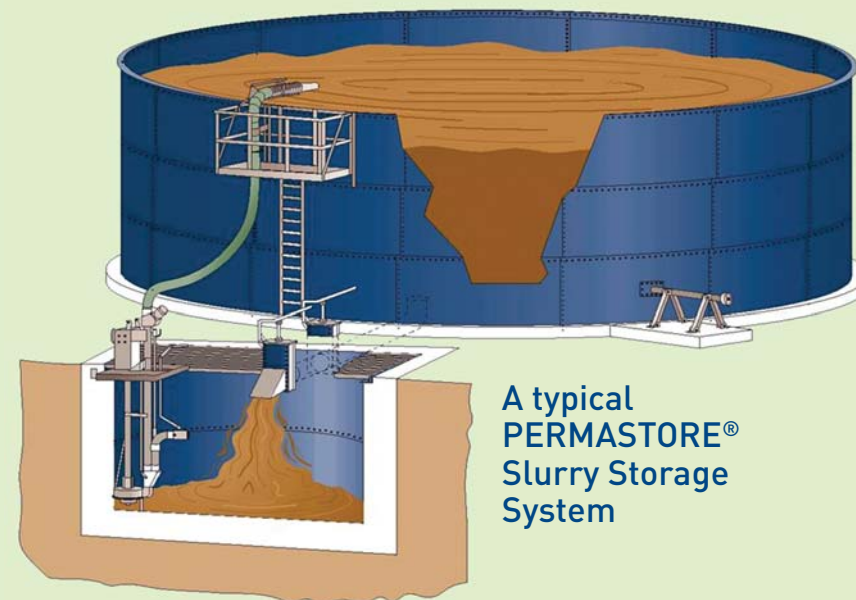


Slurry Tank Capacity Chart for 3 and 4 Ring Tanks

– (2 and 5 rings are also available)

Nominal Wall Height 4.27m (3 rings)				
Model	Diam (m)	Capacity		Freeboard
		m ³	Gallons	Gallons
3415	10.25	348	76,654	5,442
3615	11.10	409	89,962	6,386
3915	11.95	474	104,335	7,407
4215	12.81	544	119,772	8,503
4515	13.66	620	136,274	9,674
4815	14.52	699	153,841	10,921
5015	15.37	784	172,472	12,244
5315	16.22	874	192,168	13,642
5615	17.08	968	212,929	15,116
5915	17.93	1,067	234,754	16,665
6215	18.79	1,171	257,644	18,290
6415	19.64	1,280	281,598	19,990
6715	20.49	1,394	306,617	21,766
7015	21.35	1,512	332,701	23,618
7315	22.20	1,636	359,849	25,545
7615	23.05	1,764	388,062	27,548
7815	23.91	1,897	417,340	29,627
8115	24.76	2,035	447,682	31,781
8415	25.62	2,178	479,089	34,010
8715	26.47	2,326	511,561	36,315
9015	27.32	2,478	545,097	38,696
9215	28.18	2,635	579,698	41,152
9515	29.03	2,797	615,364	43,684
9815	29.89	2,964	652,094	46,292
10115	30.74	3,136	689,889	48,975
10415	31.59	3,313	728,748	51,733
10615	32.45	3,494	768,672	54,567

Nominal Wall Height 5.67m (4 rings)				
Model	Diam (m)	Capacity		Freeboard
		m ³	Gallons	Gallons
3420	10.25	464	102,049	5,442
3620	11.10	544	119,765	6,386
3920	11.95	631	138,899	7,407
4220	12.81	725	159,451	8,503
4520	13.66	825	181,420	9,674
4820	14.52	931	204,806	10,921
5020	15.37	1,044	229,609	12,244
5320	16.22	1,163	255,830	13,642
5620	17.08	1,289	283,468	15,116
5920	17.93	1,421	312,524	16,665
6220	18.79	1,559	342,996	18,290
6420	19.64	1,704	374,887	19,990
6720	20.49	1,856	408,194	21,766
7020	21.35	2,014	442,919	23,618
7320	22.20	2,178	479,061	25,545
7620	23.05	2,349	516,621	27,548
7820	23.91	2,526	555,597	29,627
8120	24.76	2,709	595,992	31,781
8420	25.62	2,900	637,803	34,010
8720	26.47	3,096	681,032	36,315
9020	27.32	3,299	725,678	38,696
9220	28.18	3,508	771,742	41,152
9520	29.03	3,724	819,223	43,684
9820	29.89	3,947	868,121	46,292
10120	30.74	4,175	918,437	48,975
10420	31.59	4,410	970,169	51,733
10620	32.45	4,652	1,023,320	54,567



All PERMASTORE® Slurry Tanks comply with BS 5502 parts 50 & 22 and The Control 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. of days storage required.
 = gallons of slurry storage required.

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

1. **Dirty Water** from open yard areas (500 gallons per 1000 sq.ft area for every inch of water).
2. A suitable **freeboard** should be left between the slurry level and the top of the tank.



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