



Department of Health approved plastic leach drains

The Health (Treatment of Sewage and Disposal of Effluent and Liquid Waste) Regulation 1974 requires leach drains to be approved by the Executive Director, Public Health. The following table details the specifications of precast concrete leach drains approved for use in Western Australia for the onsite disposal of wastewater.

These systems have not been assessed for use under paved or vehicle traffic areas. Specific Local Government approval will be required under such circumstances.

Manufacturer & Distributor	Leach Drain Model	Infiltrative Area m ² /m	Module Length mm
ADS Pipe PL 0434 177 955	Stormtech	2.0	864
All Drainage Systems PL Plumbtec Plumbing Supplies: 9455 1444 Tech Plumbing: 9274 1540 Reece PL: 9328 5765	ADM Drain	1.19	356
Atlantis Corporation PL (02) 94178644	Flotank Atlantis Matrix	1.3	685
Ausdrain (02) 9810 8335	Ausdrain	1.3	600

Manufacturer & Distributor	Leach Drain Model	Infiltrative Area m ² /m	Module Length mm
Everhard Industries PL EF Hodge & Co 9328 6644	Type 2 #230	0.89	1500
	Type 2 #350	1.15	1500
	Type 2 #410	1.28	1500
Geofabrics Australasia Pty Ltd (03) 8586 9199	MegaTank	1.4	750
	VersiTank	1.62	500
Global Synthetics Pty Ltd 9459 4300	ProTank	1.29	720
Novaplas PL 9455 2228	Drainwell DW1592	1.274	755
	Drainwell DW1992	1.674	755
Rainsmart Solutions PL DS Agencies 6143 6565	Rainsmart	1.29	720
ReIn Plastics PL Galvin Engineering Pty Ltd 9249 5900	Jumbo	1.31	1517
	Large	1.23	1517
	Standard	0.92	1517

Length of leach drains required in a domestic setting:

To determine the length of leach drains required in a domestic setting, use the following formula:

Soil Type	Bedrooms		
	2 or less	3	4 & 5
Sand	18.8 ÷ IA of drain	25.4 ÷ IA of drain	27.6 ÷ IA of drain
Loam	28.2 ÷ IA of drain	30.1 ÷ IA of drain	41.5 ÷ IA of drain

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