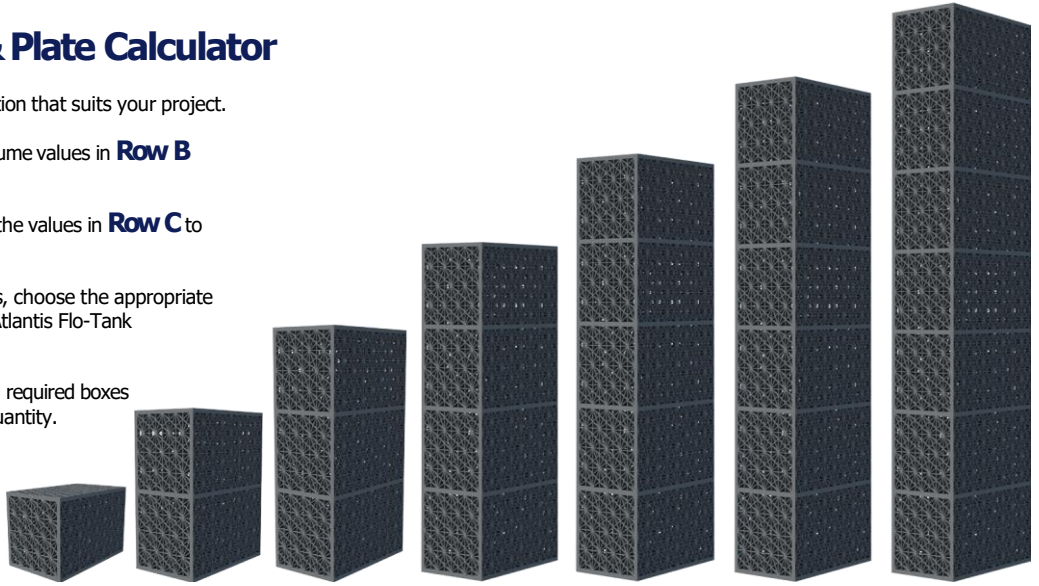


Atlantis Flo-Tank® Volume & Plate Calculator

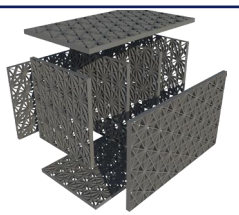
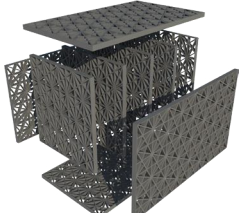
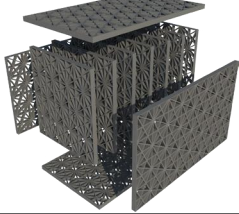
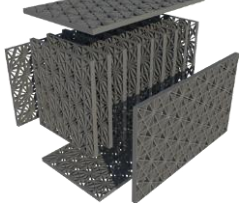
1. Use **Row A** to select a Module Height Configuration that suits your project.
2. If your volume is in LITRES, divide it by the Net Volume values in **Row B** to obtain the total required boxes.
3. If your volume is in CUBIC METRES, multiply it by the values in **Row C** to obtain the total required boxes.
4. Once you have obtained the total number of boxes, choose the appropriate plate configuration for structural strength. (refer to Atlantis Flo-Tank configuration and structural requirements).
5. Use the **Plate Calculator** to multiply the total required boxes by the values small and large plates for your bill of quantity.



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VOLUME CALCULATOR			SINGLE	DOUBLE	TRIPLE	QUAD	PENTA	HEXA	SEPTA
A	Module Height	metric	450 mm	880 mm	1,310 mm	1,740 mm	2,170 mm	2,600 mm	3,030 mm
		imperial	17.71"	34.64"	51.57"	68.50"	54.43"	102.36"	119.29"
B	Net Volume per box	metric	119.48 L	233.65 L	347.81 L	461.98 L	576.15 L	690.32 L	804.48 L
		imperial	31.56 Gal	61.72 Gal	91.88 Gal	122.04 Gal	152.20 Gal	182.36 Gal	212.52 Gal
C	Modules per m3	Boxes	8.37	4.28	2.88	2.16	1.74	1.45	1.24

PLATE CALCULATOR		SINGLE		DOUBLE		TRIPLE		QUAD		PENTA		HEXA		SEPTA	
4 PLATES		Small	Large	Small	Large	Small	Large	Small	Large	Small	Large	Small	Large	Small	Large
				4	4	8	7	12	10	16	13	20	16	24	19
5 PLATES		5	4	10	7	15	10	20	13	25	16	30	19	35	22
		7 PLATES		7	4	14	7	21	10	28	13	35	16	42	19
9 PLATES				9	4	18	7	27	10	36	13	45	16	54	19

DISCLAIMER

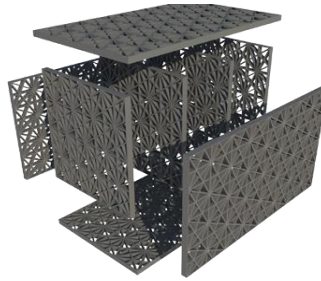
**This table is a guideline to equate the Bill of Quantity for the Atlantis Flo-Tank.

*Please contact Atlantis Technical department to enquire Tank loading capacities for each configuration and any other technical enquiries,

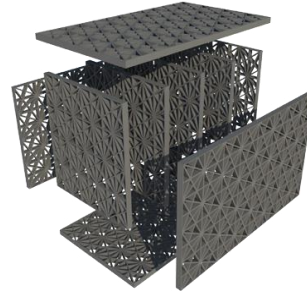
Atlantis Flo-Tank® Minimum Cover Calculator

1. Calculate the minimum cover by subtracting the FGL (finished ground level) at the lowest point by the top of the tank.
2. Using the table below correspond the minimum cover with the max allowable vehicular load to work out which plate configuration you need.
3. For covers exceeding 2 metres a design check must be done.

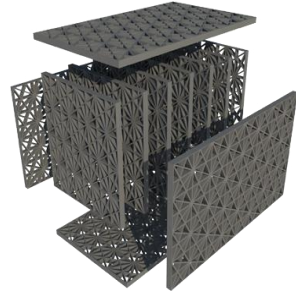
4 plate



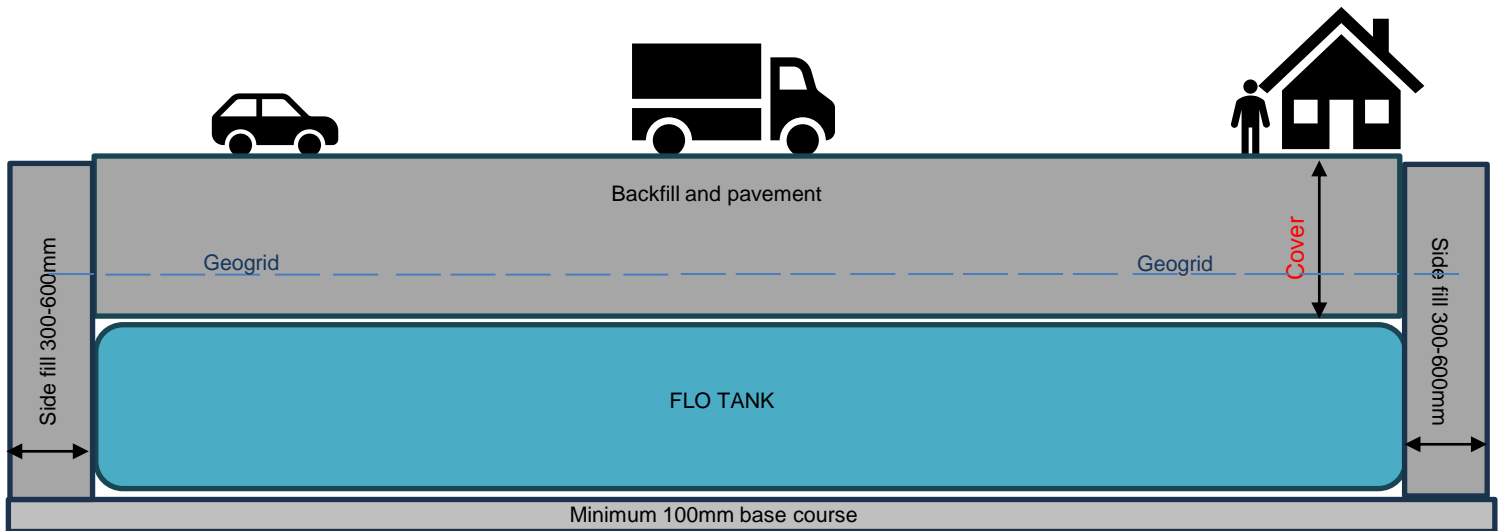
5 plate



7 plate



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General Cover/Loading Guideline for Flo Tank and Flo Channel



Plate Configuration		4	5	7
Minimum Cover mm	300	Pedestrian/Mower	Special Slab Design**	Special Slab Design**
	450	Pedestrian/Mower	Cars/light vans upto 6 tons	T44 Trucks*
	600	Pedestrian/Mower	T44 trucks*	Cranes and other heavier trucks*
	2000+	Design check Required		
		** with a special slab design		
		*needs a design check		

DISCLAIMER

*Please contact Atlantis Technical department regarding loading and minimum covers prior to specification. The above table is only to be used as a guide and does not indicate a complying design. Other factors must be considered in the design such as groundwater tables, slopes, soil types, footings and many other factors.