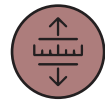
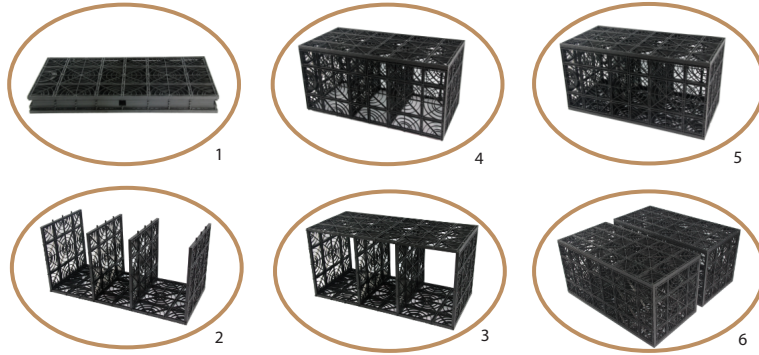


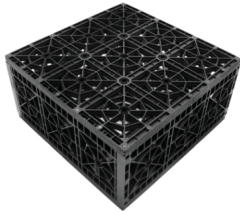
PlanterCell® SW Tank Series



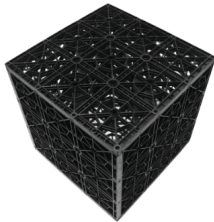
SW Tank 1000



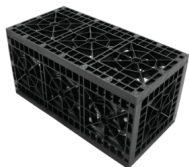
SW Tank 250



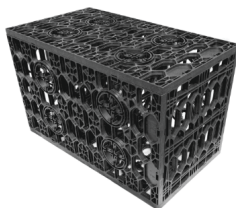
SW Tank 500



SW Tank Mini



SW Tank 715 HC



Fire resistant version available. Please contact us for more information.

PlanterCell® SW Tank Series



Our Stormwater management systems control surface runoff to mitigate flash flooding. They can function as retention tanks for water storage or detention tanks to temporarily hold runoff and reduce peak flow, and may also be integrated into bioswales and structural void-filling applications.

PlanterCell® SW Tank Series

A modular underground stormwater tank and void filler with a high void ratio, designed for efficient detention or retention and seamless integration with drainage and waterproofing systems.

PlanterCell® SW Tank 715HC

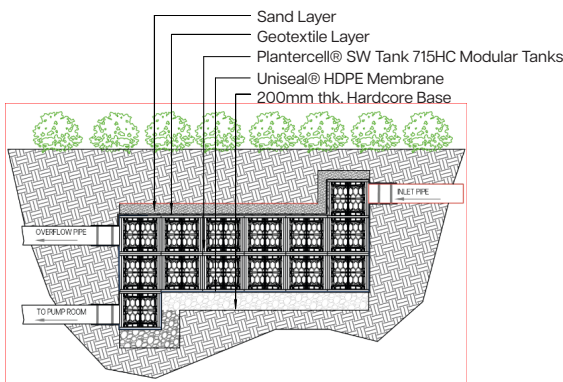
A high-capacity stormwater tank and void filler with a reinforced honeycomb structure and integrated pipe holders, providing higher load capacity for heavy-duty detention, retention, bioswale, and void-filling applications.

APPLICATIONS:

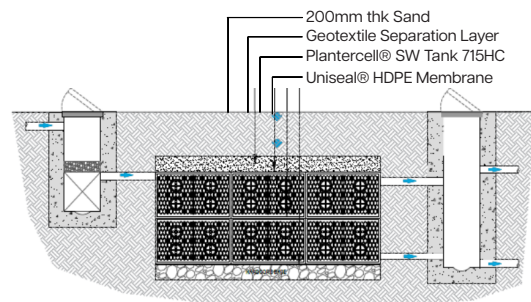
- Underground stormwater control
- Under slabs and podiums
- Car parks and roads

BENEFITS:

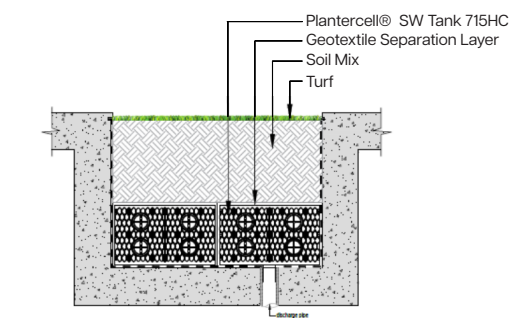
- Manages stormwater and fills voids
- Stores large volumes of water
- Strong and durable
- Quick to install



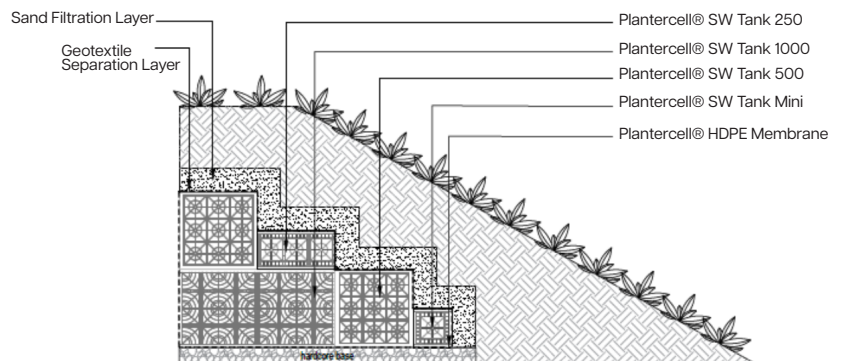
PlanterCell® SW TANK 715HC RETENTION TANK TYPICAL DETAIL



PlanterCell® SW TANK 715HC DETENTION TANK TYPICAL DETAIL



PlanterCell® SW TANK 250 AND MINI FIELD DRAINAGE ALONG STORM DRAIN TYPICAL DETAIL



PlanterCell® SW TANK SERIES VOID FILLER TYPICAL DETAIL

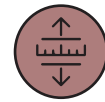
Fire resistant version available. Please contact us for more information.



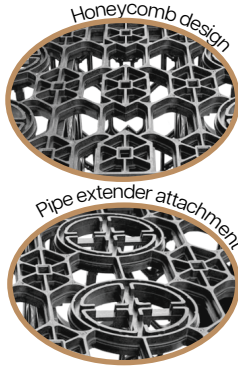
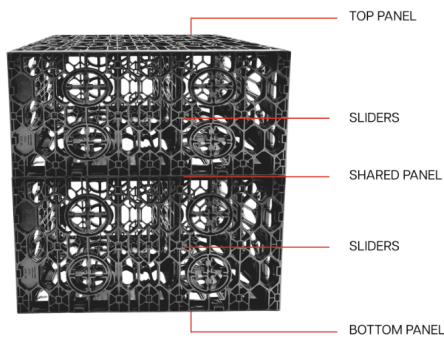
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SW Tank 715 HC Buildup



- 1) Main Panel: Top, bottom, front, and rear of tank unit
- 2) Slider: Left and right of tank; internal support
* (There are 7 sliders in total, with 4 as the standard and options to add 5, 6, or 7.)
- 3) Pipe Extenders: For additional reinforcement

Tech Specs		UOM	PlanterCell® SW Tank Series				
			Mini	250	500	1000	715 HC
SEC Green Label			Yes	Yes	Yes	Yes	Yes
SGBC Green Product			✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓	✓✓✓✓
Material			100% Recycled PP	100% Recycled PP	100% Recycled PP	100% Recycled PP	100% Recycled PP
Colour			Black	Black	Black	Black	Black
Tank Size:	Height	mm	250	250	500	500	400
	Width	mm	250	500	500	500	440
	Length	mm	500	500	500	1000	715
Panels per tank	Side	pc	2	4	4	2	4
	top/bottom		2	2	2	2	2
	Sliders		2			4	4
	Internal Sliders						5 / 6 / 7
	Support Pipes						2 / 4
Surface Void		%	40.86	47.70	52.58	51.40	>59
Internal Void		%	90.38	90.24	94.88	94.80	
Net tank Capacity		m³	0.030	0.059	0.119	0.238	
Compressive Strength without support		tonnes _r /m²	>38	>25			
w/1 I-beam / pole support				≥34	>18		
w/2 I-beam / pole support					>20		
w/3 I-beam / pole support			>67				
w/4 I-beam / pole support				>37			>71
w/5 I-beam / pole support					>24		
w/6 I-beam / pole support					>26		
w/7 I-beam / pole support					>28		
w/8 I-beam / pole support					>29		
w/9 I-beam / pole support				>54	>30		
w/11 I-beam / pole support					>34		
w/12 I-beam / pole support					>37		
w/13 I-beam / pole support				>66	>40		
w/ 4 sliders						>17	>25
w/ 5 sliders						>23	>31
w/ 6 sliders						>19	
w/ 7 sliders						>23	>35
w/ 8 sliders						>34	
w/ 9 sliders						>35	

SEC = Singapore Environment Council
SGBC = Singapore Green Building Council

Fire resistant version available. Please contact us for more information.