

VersiTank® 555 and 553

Stormwater Management



VersiTank® offers architects, engineers and property owners an efficient and cost-effective method to reduce stormwater run-off in the urban environment.



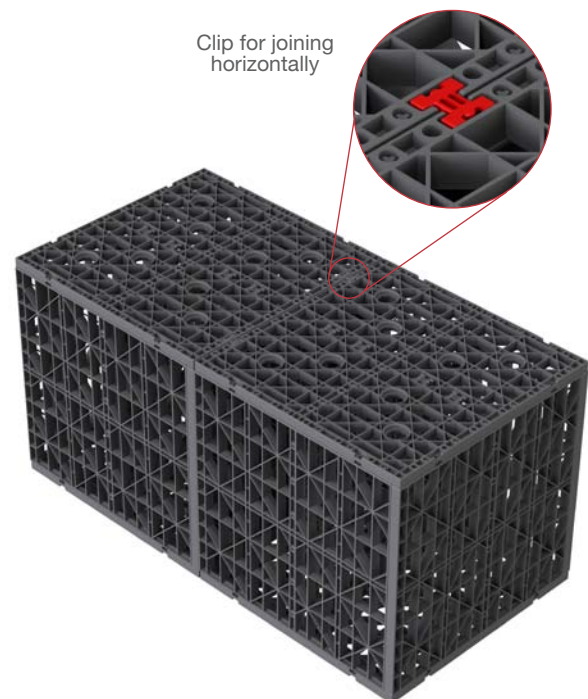
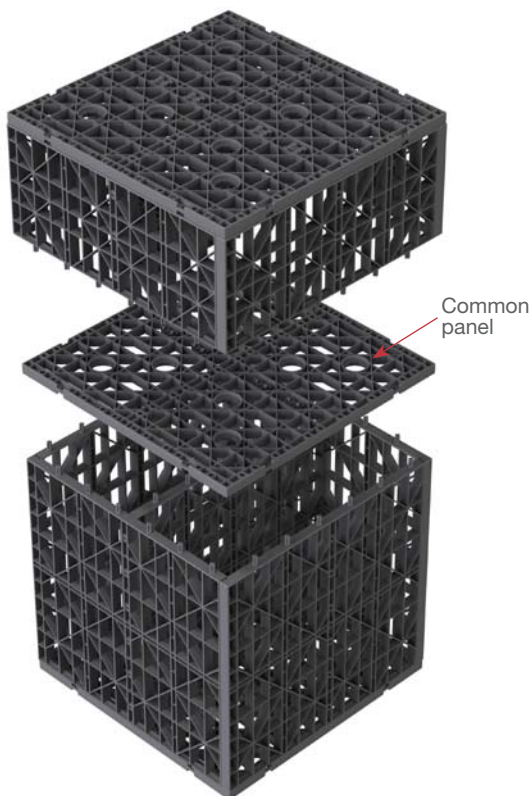
VersiTank® 553



VersiTank® 555



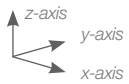
VersiTank® 555 and 553 sub-surface water infiltration storage tanks provide an efficient, cost-effective and environmentally sustainable solution for stormwater control and management. When used as an integral part of a sustainable drainage system (SuDS), the storage tanks can be designed to restore on-site natural water filtration, control release of surface run-off, or harvest water on-site for reuse.



When the tanks are stacked on top of each other, they share a common panel resulting in cost savings and efficiency.

VersiTank® 555 and 553 are easy to install and may be joined horizontally and vertically to accommodate specific installation requirements.

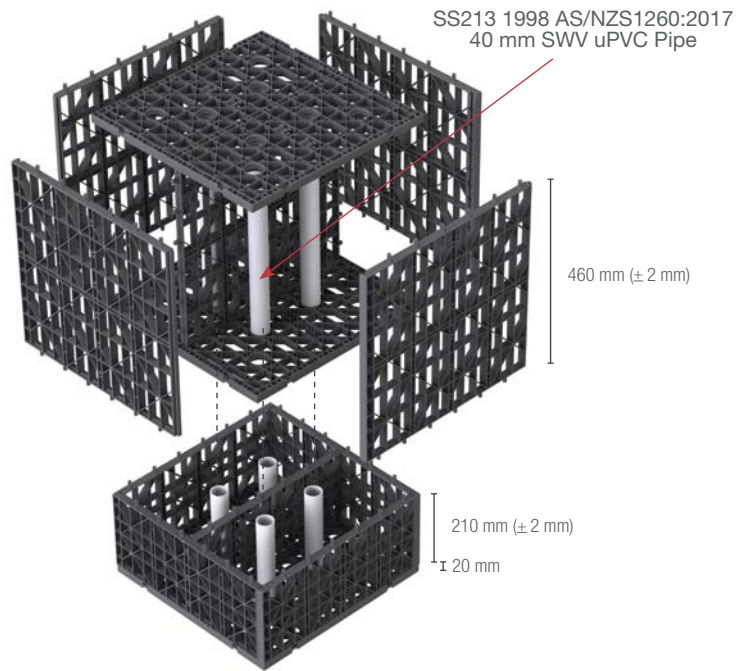
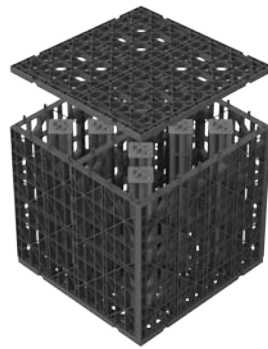
Technical Specifications

Material	PP	
Colour	Black	
	VT 555	VT 553
Size (L x W x H)	500 x 500 x 500 mm	500 x 500 x 250 mm
Volume	0.125 m ³	0.063 m ³
Surface area	1.5 m ²	1.0 m ²
Surface void area	~65%	~65%
Internal void volume	~95%	~95%
Max load* (unconfined)		
Centre panel only	10 t/m ²	13 t/m ²
- with 4 uPVC pipes	24 t/m ²	28 t/m ²
- with 8 uPVC pipes	39 t/m ²	48 t/m ²
- with 4 VT 555 posts	36 t/m ²	not applicable
- with 8 VT 555 posts	61 t/m ²	not applicable
Lateral load		
Y-axis 	14 t/m ²	-
X-axis	9 t/m ²	-
Biological/chemical resistance	Unaffected by moulds and algae. Good resistance to alkali and bitumen.	

*Note: Based on Safety Factor of ~1.5

Support Post

Additional posts to further reinforce load capability.



Distributed by:

- Provides efficient drainage
- Reduces irrigation requirement
- Protects waterproofing membrane
- Enable on-site rainwater retention
- Lightweight and durable
- Recyclable
- Suitable for retrofitting and/or new projects
- Mitigate urban runoff
- High water storage capacity



The Elmich security hologram ensures authenticity of the products.

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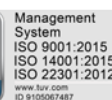


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