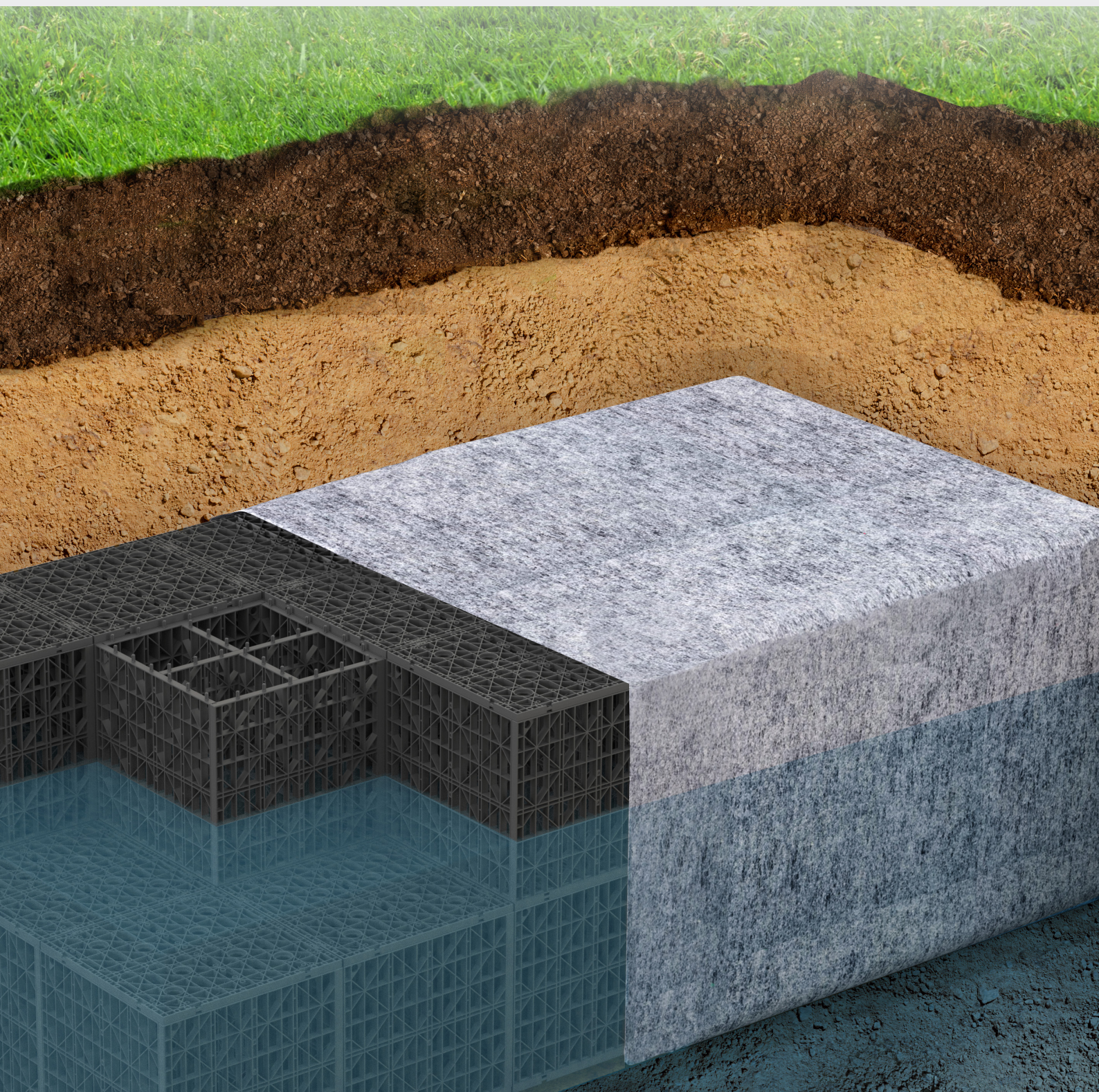


VersiTank® 555 & 553

On-Site Soakaway Module

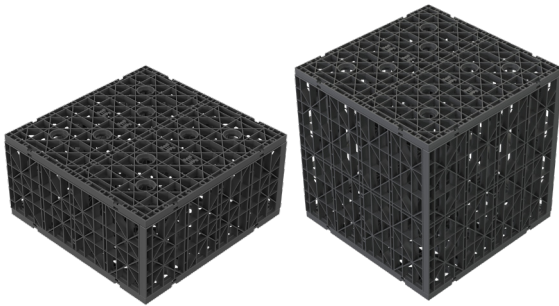


We make the difference.
The Elmich Difference.



VersiTank® 555 & 553

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.



Typical Applications

Min. Soil Overburden (mm) ¹	VT Type	Max. VT Layers
Rain garden/Void filler/Pedestrian & cyclist		
500	VT 553-1S*/VT 555-1S	5
Passenger car (≤ 2 tonnes unladen weight)		
1,000	VT 555-2S	3
Light goods vehicle (≤ 3.5 tonnes laden weight)		
1,000	VT 555-1S (4P**)	3
Heavy goods vehicle (≤ 16 tonnes laden weight)		
1,000	VT 555-2S (4P)	3
Fire truck (≤ 30 tonnes or ≤ 81 t/m² per outrigger)		
1,500	VT 555-2S (8P)	3

¹ Recommended

*S represents the number of centre stabilisers

**P represents the number of Support Posts.

Technical Specifications

Material	PP	
Colour	Black	
	VT 553	VT 555
Size (L x W x H) (mm)	500 x 500 x 250	500 x 500 x 500
Volume (m³)	0.063	0.125
Failure load (t/m²)		
- 1 centre panel	19 (VT553-1S)	17 (VT555-1S)
- 2 centre panels	-	26 (VT555-2S)
- 1 centre panel & 4 posts	-	58 (VT555-1S(4P))
- 2 centre panels & 4 posts	-	63 (VT555-2S(4P))
- 2 centre panels & 8 posts	-	106 (VT555-2S(8P))
Weight (kg)		
- 1 centre panel	4.6	6.5
- 2 centre panels	-	7.3
- 1 centre panel & 4 posts	-	8.5
- 2 centre panels & 4 posts	-	9.3
- 2 centre panels & 8 posts	-	11.3
Lateral load (t/m²)		
- X - axis	29	10
- Y - axis	25	10
Surface area (m²)	1.0	1.5
Surface void (%)	~65	~65
Internal void (%)	~95	~95
Biological/Chemical resistance	Unaffected by moulds and algae. Good resistance to alkali and bitumen.	



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Elmich Pte Ltd

t (65) 6356 2800

e info@elmich.com

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