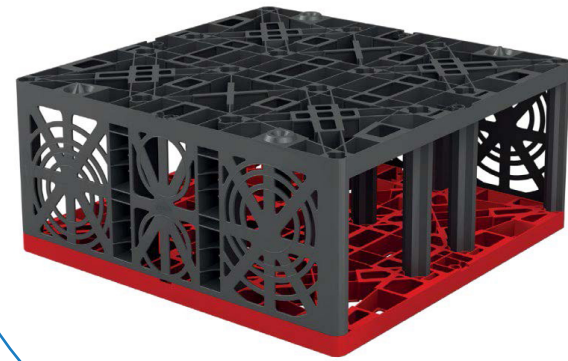


RAINBOX® CUBE

The RAINBOX® Cube system is designed for use in non-trafficked and trafficked areas (with a Gross Vehicle Weight of 60 tons), and can be installed in soakaway (infiltration) or storage (attenuation) applications for surface and storm water management. The system is comprised of base plates, crates and side faces, in various number and configuration depending on the project, with up to 14 layers being possible per base plate.



	Crate	Baseplate
Dimensions (mm)	800x800x320	800x800x40
Gross Volume	205Litres	25Litres
Net Volume	197Litres	20Litres
Material	Polypropylene	Polypropylene
Weight	8kg	4kg
Void Ratio	>96%	>80%
Inspectable	Yes	
*UCS Verticle	34 tonnes/m ² (340 kN/m ²)	
*UCS Lateral	8.2 tonnes/m ² (82 kN/m ²)	

*Ultimate Compressive Strength

	Load			
	<3T	12T	40T	60T
Based on backfill '300 density 20kN/m ² and tank of 0.68m				
Cover in m*				
Min. Cover	0.50	0.70	0.90	1.02
Max. Cover	2.75	2.75	2.25	2.33
Max. Installation Depth in m*				
With Backfill '260	2.91	2.65	2.65	2.65
With Backfill '300	3.60	3.32	3.32	3.32
With Backfill ' 340	4.04	3.78	3.78	3.78
With Backfill '380	4.58	4.33	4.33	4.33

*It is advised that structural design calculations are carried out prior to work commencing.

**Installation depths and loadings outside of the information in this table may be permissible depending onsite conditions. Contact JDP for more information.



New supermarket, Dunstable (UK)



Business Park, Silverstone (UK)