



JDP
Nature's Network

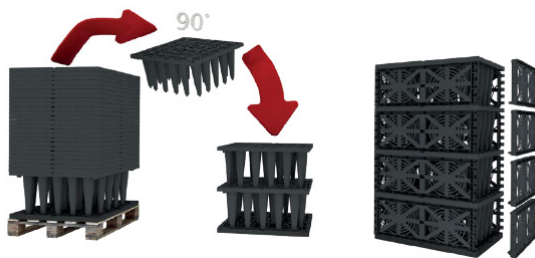
RAINBOX® CORE

The RAINBOX® Core system is designed for use in landscaped or trafficked areas (with a Gross Vehicle Weight of 40 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 13 layers being possible per base plate.



	Crate	Baseplate
Dimensions (mm)	800x800x350	800x800x40
Gross Volume	224Litres	25Litres
Net Volume	215Litres	20Litres
Material	Polypropylene	Polypropylene
Weight	9kg	4kg
Void Ratio	>96%	>80%
Inspectable	No	
*UCS Verticle	36.5 tonnes/m ² (365 kN/m ²)	
*UCS Lateral	10 tonnes/m ² (99.6 kN/m ²)	

*Ultimate Compressive Strength



Endeavour Drive, Basildon (UK)

	Load			
	<3T	12T	30T	40T
ased on backfill '300 density 20kN/m ² and tank of 0.74m				
Cover in m*				
Min. Cover	0.50	0.70	0.75	0.90
Max. Cover	2.75	2.75	2.50	2.25
Max. Installation Depth in m*				
With Backfill '260	3.93	3.67	3.67	3.67
With Backfill '300	4.86	4.58	4.58	4.58
With Backfill ' 340	5.10	4.82	4.82	4.82
With Backfill '380	4.88	4.61	4.61	4.61

*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 on site conditions. Contact JDP for more information.



Housing Estate, Aberdeenshire (UK)