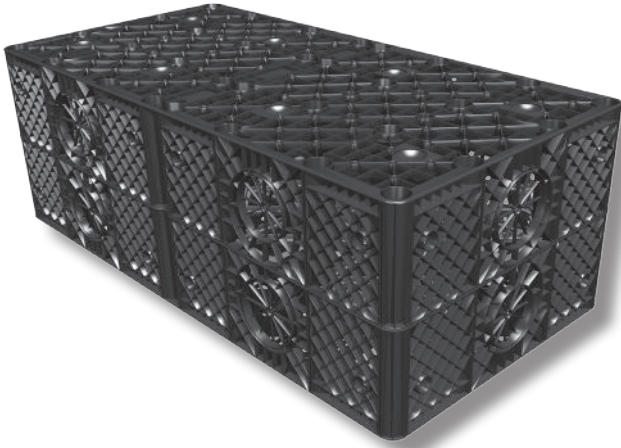


Rain Bloc

Stormwater Management Systems



Crate	
Dimensions (mm)	1200 x 600 x 420
Gross Volume (m ³)	0.300m ³
Net Volume (m ³)	0.285m ³
Material	Polypropylene (Upcyclen TV30)
Weight	17kg
Void Ratio	95%
Inspectable	No
*UCS Vertical	450 kN/m ²
*UCS Lateral	150 kN/m ²
<i>*Ultimate Compressive Strength</i>	

	Load			
	≤3T	12T	40T	60T
<i>Based on backfill φ' 30° density 20kN/m² and tank of 0.84m (2 crates deep)</i>				
<i>Cover in m *</i>				
Min. Cover	0.25	0.55	0.80	0.90
Max. Cover	3.00	3.00	2.50	2.25
<i>Max. Installation Depth in m *</i>				
With Backfill φ' 26°	4.75	4.50	4.50	4.50
With Backfill φ' 30°	5.50	5.25	5.25	5.25
With Backfill φ' 34°	6.75	6.50	6.50	6.50
With Backfill φ' 38°	7.50	7.50	7.50	7.50

**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 Graf UK for more information*

