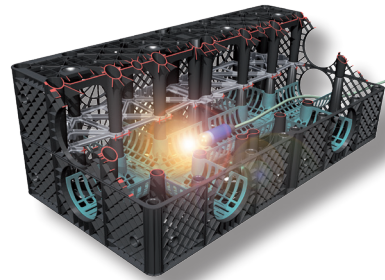
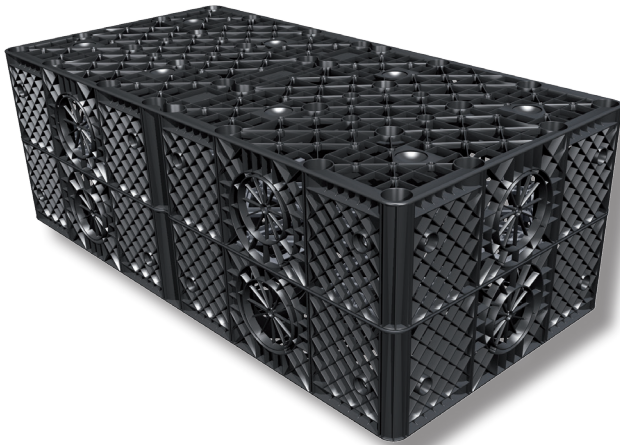


# Rain Bloc

## Stormwater Management Systems



Crate	
Dimensions (mm)	1200 x 600 x 420
Gross Volume (m <sup>3</sup> )	0.300m <sup>3</sup>
Net Volume (m <sup>3</sup> )	0.285m <sup>3</sup>
Material	Polypropylene
Weight	19kg
Void Ratio	95%
Inspectable	Yes, when combined with RainBloc Inspect
*UCS Vertical	340 kN/m <sup>2</sup>
*UCS Lateral	110 kN/m <sup>2</sup>
<i>*Ultimate Compressive Strength</i>	

Load				
	3T	12T	40T	60T
<i>Based on backfill φ' 30° density 20kN/m<sup>2</sup> and tank of 0.68m (2 crates deep)</i>				
<i>Cover in m *</i>				
Min. Cover	0.27	0.65	0.85	1.02
Max. Cover	2.42	2.17	2.17	2.17
<i>Max. Installation Depth in m *</i>				
With Backfill φ' 26°	2.91	2.65	2.65	2.65
With Backfill φ' 30°	3.60	3.32	3.32	3.32
With Backfill φ' 34°	4.04	3.78	3.78	3.78
With Backfill φ' 38°	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 on site conditions. Contact Graf UK for more information



Airport, Luton (UK)



University, Cambridge (UK)