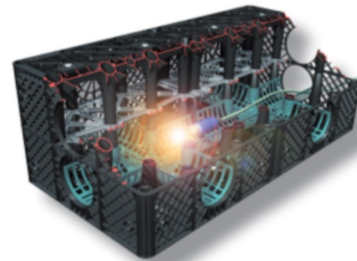
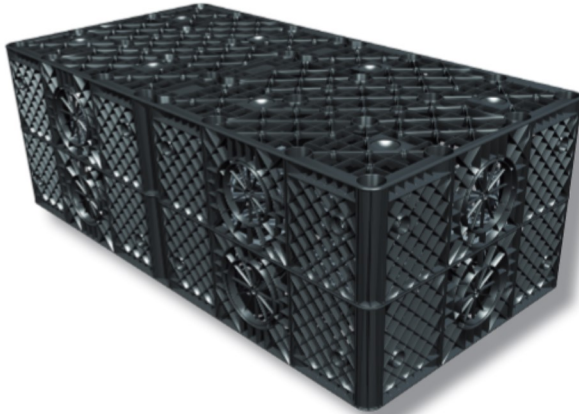


Rain Bloc

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
Weight	19kg
Void Ratio	95%
Inspectable	Yes, when combined with RainBloc Inspect
*UCS Vertical	340 kN/m ²
*UCS Lateral	110 kN/m ²

**Ultimate Compressive Strength*

Load				
	3T	12T	40T	60T
<i>Based on backfill ϕ' 30° density 20kN/m² 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)