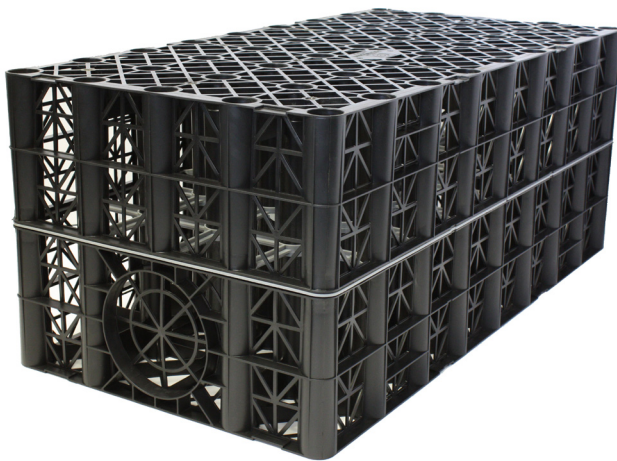


Introducing Polystorm-R, an alternative to the Polystorm modular unit (PSM1), with the added benefit of being manufactured from recycled material. Meeting the same performance criteria as Polystorm (PSM1), Polystorm-R is ideal for use in light trafficked* and pedestrian applications.



* Note: Light traffic includes areas regularly trafficked by cars and vans (e.g. car parks) with occasional use of vehicles greater than 2500kg.

Polystorm-R may be used in heavier trafficked applications subject to a structural design and suitable installation conditions. For further details please contact our technical department on 01509 615100.

KEY FEATURES AND BENEFITS

- Made from specially selected and controlled recycled materials
- Environmentally friendly, sustainable solution
- Has undergone stringent testing to ensure product performance
- Load capacity minimum 40 tonnes/m²
- Ideal for attenuation or soakaway applications/schemes with a suitable geomembrane or geotextile
- Allow flexibility of shape - ideal for shallow excavation systems, narrow strips or use in restricted areas
- Integrated inlet and outlet
- 3D flow throughout the structure
- 95% void ratio
- Lightweight yet robust - Excellent health and safety and installation benefits

Technical Specification Overview

Unit Type	Polystorm-R	
Product Code	PSM1-A	
Dimensions	(w) 1 x (d) 0.5 x (h) 0.4m	
Total Volume	0.2m ³	
Unit Weight	9.6kg*	
Cube Storage Volume	0.19 ³ (190 litres)	
Void Ratio	95%	
Ultimate Compressive Strength (Vertical)	Minimum 440 kN/m ²	
Ultimate Compressive Strength (Lateral)	Minimum 63 kN/m ²	
Maximum Burial Depths in:	Clay	Dense sand and gravel
Trafficked (cars)	2.1m**	3.7m**
Non-Trafficked	2.2m**	3.8m**

Please note: Exact colour may vary due to recycled materials.

* Approximate weight.

** Other maximum burial depths will apply dependant on soil type. Please consult Polypipe WMS Technical Department for assistance.

Minimum Cover Levels (m)

Live Load Conditions	Pedestrian	Light Trafficked	
		Car park with vehicle mass <2500kg	Car park with occasional vehicle mass >2500kg
Minimum cover depth required (m)	0.50	0.60	0.80

Please note: Shallower minimum burial depths may be applicable subject to specific site conditions. For further details please consult Polypipe WMS Technical Department on 01509 615100.