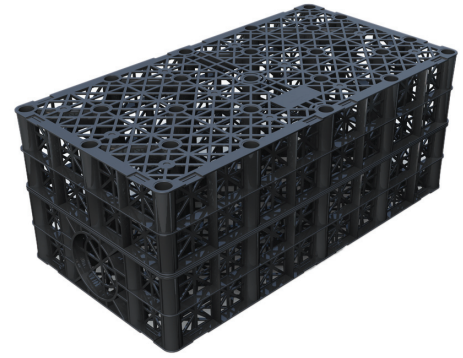


Polystorm Lite has been specifically designed for non-trafficked applications. With a compressive strength of up to 20 tonnes/m<sup>2</sup> it will however take general maintenance vehicles such as grass cutters. Polystorm Lite can be used for both attenuation and soakaway applications. The modular structure receives rainwater collected from roofs or surface drains ready to release within a set drainage limit or wrapped in a permeable geotextile for soakaways. Polystorm Lite can be used typically for landscaped areas, pedestrian or public open spaces such as underneath playgrounds.



### Key Benefits

- Compressive strength of 20 tonnes/m<sup>2</sup>
- Ideal for attenuation or soakaway applications with a suitable geomembrane or geotextile
- Designed for landscaped, pedestrian or other non-loaded applications
- Visual and maintenance access can be achieved when used in conjunction with Polystorm Access & Inspect
- Can be used as part of a value engineered hybrid system with Polystorm, Polystorm-R & Polystorm Xtra
- BBA approved
- Integrated inlet and outlet
- 3D flow throughout the structure
- 95% void ratio

### Technical Support

Detailed guidance and assistance is available. For further information, please contact our technical team on **+44 (0)1509 615100** or email: [wmsenquiries@polypipe.com](mailto:wmsenquiries@polypipe.com)

### TECHNICAL SPECIFICATION OVERVIEW

UNIT TYPE	POLYSTORM LITE*
Product Code	PSM2
Length	1m
Width	0.5m
Depth	0.4m
Total Volume	0.2m <sup>3</sup>
Unit Weight	7kg
Unit Storage Volume	0.19m <sup>3</sup> (190 litres)
Void Ratio	95%
Vertical Compressive Strength	Maximum 200kN/m <sup>2</sup> **
Lateral Compressive Strength	Maximum 40kN/m <sup>2</sup> **
Short-Term Vertical Deflection	43kN/m <sup>2</sup> per mm
Short-Term Lateral Deflection	6.4kN/m <sup>2</sup> per mm
Maximum Burial Depths: Non-Trafficked	2.5m***

\* Each unit includes 4 clips and 2 shear connectors.

\*\* Compressive strength at yield, maximum recommended value for design purposes.

\*\*\* Based on ground conditions being dense sand and gravel with no groundwater present using the calculation methodology detailed within CIRIA C680 (2008). Where ground conditions differ please consult Polypipe's water management solutions technical department on +44 (0)1509 615100.



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