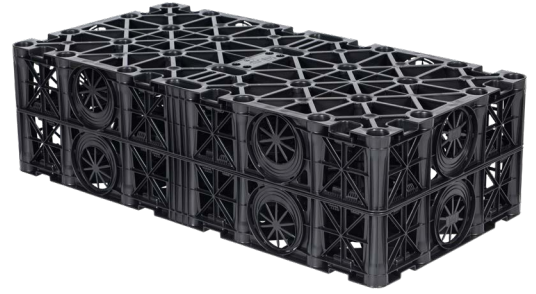




Plumbing & Drainage

# StormCrate55

## Cellular Storm Water Crate



Brett Martin's StormCrate55 modular cellular crates are used in storm water retention, attenuation and infiltration applications. The crates are designed to be simply and easily stacked together to create a below ground storm water holding tank or to allow the infiltration of storm water into the ground around them. The void created by the crates can then fill up with storm water during heavy rainfall conditions. The collected storm water then drains away slowly into the drainage system when the crate is used for attenuation, or, soaks away slowly into ground water table when the crate is used for infiltration.

### APPLICATIONS

- Landscaped areas
- Pedestrianised areas
- Public open spaces
- Playgrounds
- Parking areas
- Driveways
- Access areas

### KEY BENEFITS

- Load bearing strength of 562kN per m<sup>2</sup>
- Ideal for retention, attenuation or infiltration applications with a suitable geomembrane or geotextile
- Designed for trafficked and untrafficked areas\*
- Integrated inlet and outlet
- 4 StormCrates per 1m<sup>3</sup>
- 95% void ratio
- 100% recyclable

### TECHNICAL SUPPORT

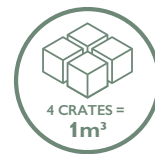
Installation guidance and assistance is available. For further information, please call 01246 280000 or email [building@brettmartin.com](mailto:building@brettmartin.com)

### PRODUCT COMPONENTS



\*Depending on installation conditions. Refer to the Installation and Design Guide or contact the Technical Department.

PROPERTIES	VALUE
<b>PHYSICAL PROPERTIES</b>	
Volume	0.25m <sup>3</sup>
Cube Storage Volume	0.2375m <sup>3</sup>
Void Ratio	95%
Dimensions	1200mm x 600mm x 347mm
Connections	12 x pipe inlets
Weight	15.5kg
Material	Polypropylene
<b>STRENGTH</b>	<b>VERTICAL</b> <b>LATERAL</b>
Short Term Strength	562kN/m <sup>2</sup> 70kN/m <sup>2</sup>
Long term Strength	153kN/m <sup>2</sup> 19kN/m <sup>2</sup>



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