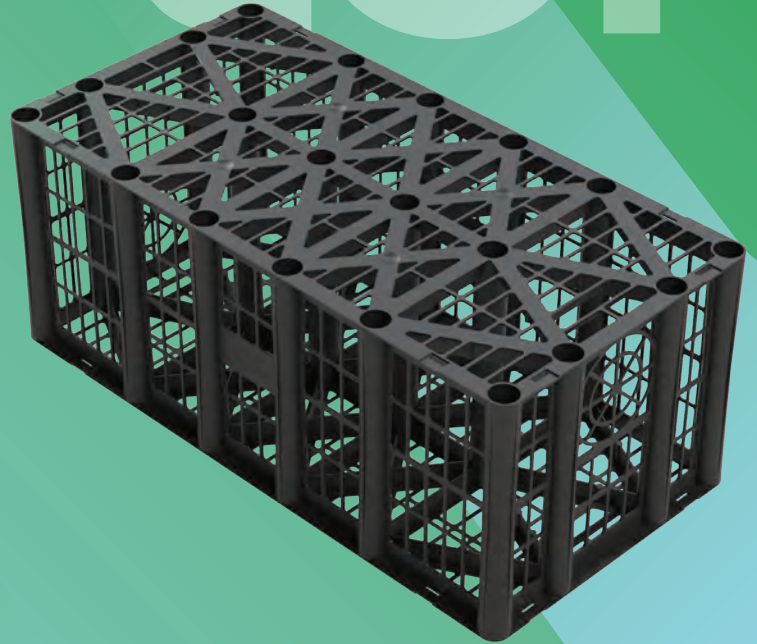


naylor

AquaVoid

Modular attenuation crates
to manage excessive rainfall

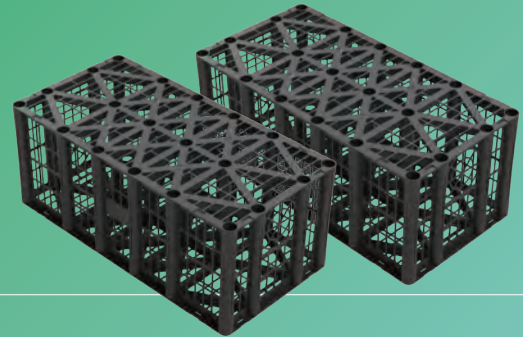


 Engineered for life

storm

AquaVoid^{HOME}

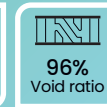
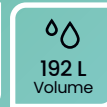
- Crate structure designed for optimum weight/strength ratio
- Modular assembly to create an underground structure
- Installed using clips to ensure crate stability



Material	100% Recycled Polypropylene (PP)
Colour	Available in Black
Quality System & Inspection	All quality systems and inspection procedures comply with BS EN ISO 9001: 2015 (Certificate No: FM 01420)
Packaging	Pre-Assembled (12 per pallet)
Storage	For long term storage keep away from direct sunlight to avoid product degradation, over 12 months exposure to direct sunlight should be avoided
Product Code	65200 for single crate unit 65201 for pallet (12 crates + 24 clips)
Dimensions (mm)	1000 x 500 x 400
Weight (kg)	6.8
Vertical Loading	20 tonnes/m ² (200kN/m ²)
Minimum Cover (m)	0.3
Void Ratio	96%
Volume (L)	192
Inlet Size (mm)	110 and 160

For installation please note:

- Units should not be used where groundwater is present.
- 0.5m cover required.





Designed for soakaway and attenuation applications in untrafficked areas

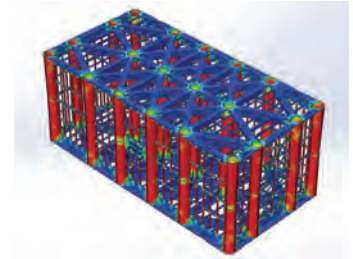
Application

AquaVoid^{HOME} modular attenuation crates manage excessive rainfall allowing surface water to be stored and gradually released back to the ground or drainage network. Attenuation and infiltration helps to control the level of surface water, especially in areas prone to flooding.

AquaVoid^{HOME} has been designed for soakaway and attenuation applications in landscaped areas. The crates are injection moulded and manufactured from recycled material. AquaVoid^{HOME} is to be installed in domestic, non-trafficked areas only.

FEA Design Analysis

The design of the unit was thoroughly investigated through the use of FEA to predict behaviour under loading conditions and was subsequently validated with comparative physical testing. This enabled the design engineers to optimise both weight and strength to provide a robust and economic solution for the storm water market.





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