

Stormbloc® Optimum Range of Geocellular Storage & Infiltration Systems

Attenuate surface water and stormwater effectively even in challenging high-traffic urban environments.

The Stormbloc® Optimum range comprises two resilient geocellular storage systems that provide underground storage and infiltration of surface water runoff; Stormbloc® Extra and Stormbloc®, plus an inspection chamber, the Stormbloc® Inspect.

Lightweight materials combined with robust design make it easy to transport, quick to install and extremely durable, even beneath high-traffic areas such as roads, car parks and warehouse yards. The Stormbloc® Optimum range is modular and easily customisable,

giving you the freedom to configure storage for even the most challenging SuDS project.



Benefits

The Stormbloc® Optimum range can store 960 litres of stormwater below ground in 1 cubic metre of volume, more than 60% more stormwater storage in the same volume when compared to conventional gravel infiltration trenches.

Both Stormbloc® Extra and Stormbloc® stack into compact nests for transport and storage, saving up to 75% of valuable space. The nested units save time and cost during installation, enabling more storage volume to be lifted into excavations at any one time.

For more flexible designs choose between the high-strength Stormbloc® Extra for deep or high-loaded installations and Stormbloc® for shallower installations with lighter loads such as landscaped or low-traffic areas.

Applications

New and retrofit Sustainable Drainage Systems (SuDS) schemes

Infiltration / soakaway schemes

Attenuation schemes

Highways & infrastructure projects

To increase swale / pond capacity

Car parks and park & ride schemes

Housing developments

Commercial development

Schools & public / civil schemes

Aquifer re-charge

Storage for rainwater harvesting and re-use.