

Stormbloc® Stormwater Storage / Infiltration System

A modular system with an integral patented maintenance / inspection tunnel.

Product Profile

Stormbloc® is a cellular block type structure used predominantly for providing below ground storage/attenuation, surface water infiltration and soakaway systems.

Stormbloc® has a proven track record with zero failures since its launch in 2002.

Advantages

- BBA Approved.
- Fully accessible for inspection and maintenance through patented 222 mm x 570 mm tunnels within the blocks.
- High void ratio (95%).
- Two block sizes available; an 800 mm x 800 mm x 660 mm block and a 800 mm x 800 mm x 350 mm block.
- Lightweight with high strength.
- Strong enough to be used under trafficked areas including roads and HGV areas.
- Delivery - generally 1-2 weeks.
- Simple and quick to install.
- Stormbloc® is manufactured using recycled plastic.

British Board of Agrément Approval



Stormbloc® Storage & Infiltration System

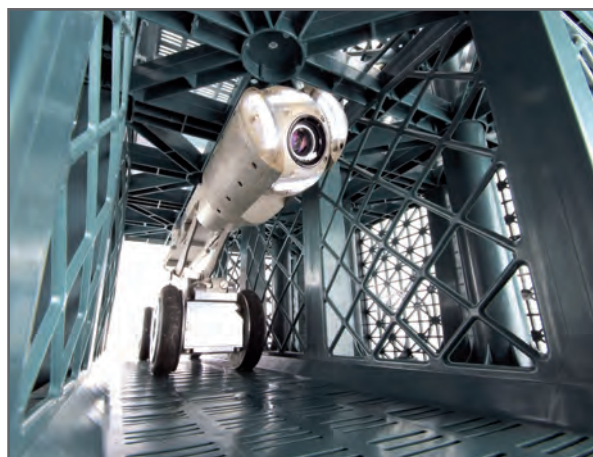


Applications

- Sustainable Drainage (SuDS) schemes.
- Retrofit SuDS schemes.
- Infiltration / soakaway schemes.
- Attenuation schemes.
- Highways and infrastructure projects.
- To increase swale / pond capacity.
- Car parks and Park & Ride schemes.
- Housing developments.
- Commercial developments
- Schools and Public / Civil schemes.
- Aquifer re-charge.
- Storage for rainwater harvesting and re-use.

The modular blocks make Stormbloc® quick and easy to install in almost any situation including industrial and commercial projects as well as residential developments, SuDS schemes and conveyance applications. Strong enough to withstand traffic loads, Stormbloc® can be installed under roads, parking areas, driveways and landscaped areas without additional protection.

The patented inspection / maintenance tunnel within each Stormbloc® provides direct access for CCTV and maintenance equipment allowing the system to be viewed and maintained, thereby increasing the life of the system. It also assists in preventing the build-up of silt within the system due to the clear flow path provided throughout the structure. With a high void ratio of 95%, this allows for a high storage volume (an 800 mm x 800 mm x 660 mm block holds 0.401 m³ of stormwater).



Stormbloc® Inspect

Unrivalled accessibility for Stormbloc® installations.

Product Profile

The Stormbloc® Inspect offers an unrivalled level of accessibility to any Stormbloc® installation. This modular access chamber, sited within the tank, has identical dimensions to a Stormbloc® module and so can easily be incorporated into the layout of the infiltration or storage system.

Each Stormbloc® Inspect unit offers connection points on all four sides for direct access to the inspection tunnels on the Stormbloc® modules or for connection of inlet and outlet pipes to the system.

Advantages

- The Stormbloc® Inspect has the same dimensions as the Stormbloc® modules and is fully stackable.
- Can be integrated within all Stormbloc® installations, removing the need for external chambers.
- The volume of Stormbloc® Inspect contributes to the required storage capacity.
- Each unit has an 'inlet' side for optimum pipe connection into and out of the Stormbloc® installation (up to 500 mm ID possible).
- High and low level inlet connections possible.
- Enables optimum accessibility for inspection and maintenance.
- Excellent access to the installation via 500 mm internal diameter extension shaft to ground level.
- Reduces need for separate manhole chambers.
- The use of a standard vented manhole cover in conjunction with the Stormbloc® Inspect unit removes the need for separate ventilation structures.
- Reduces installation time.
- Reduces capital costs on overall project.

*CCTV Inside the Stormbloc®
Inspect Chamber and
Stormbloc® Tunnel*



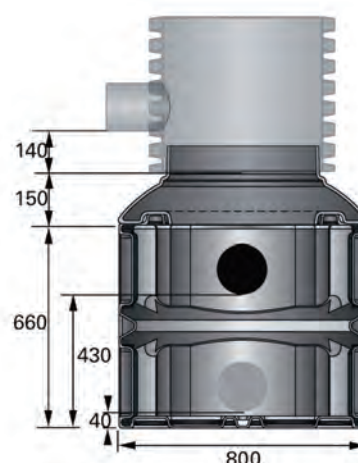
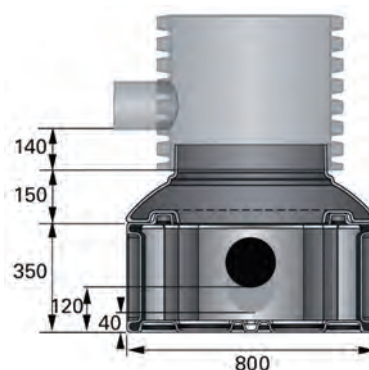
Half Block Chamber

A half sized Stormbloc® Inspect Chamber is now available, to fit with the Stormbloc® half blocks.



Stormbloc® Inspect Dimensions

Note: All dimensions shown in mm



	Dimensions (mm)	Weight (kg)
Full Unit	800 x 800 x 660	24
Half Unit	800 x 800 x 350	15