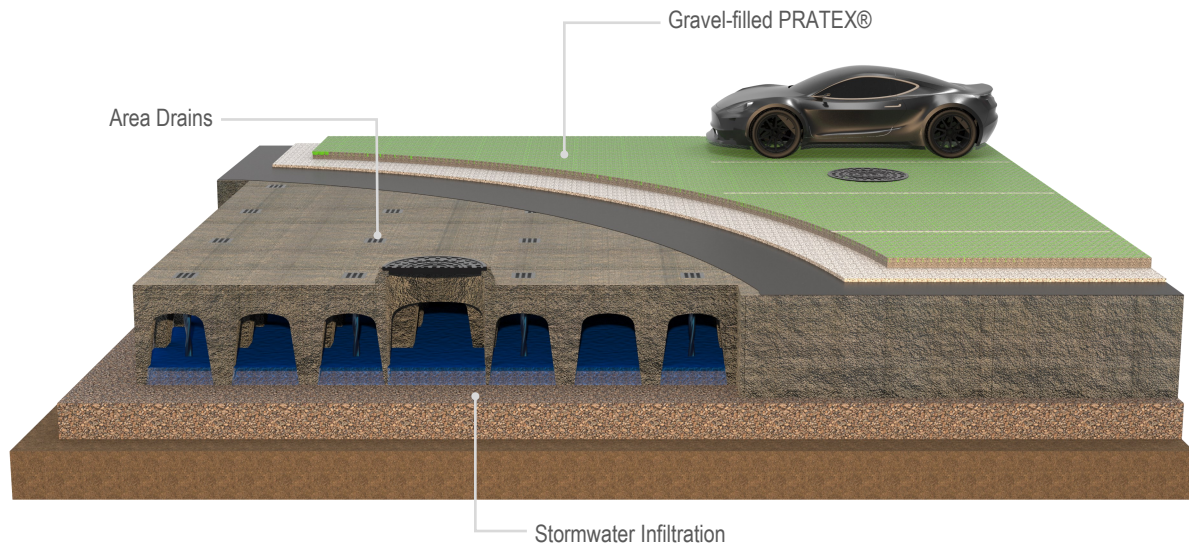


CUPOLEX® CONCRETE FORMING

PERMEABLE PAVEMENTS



OVERVIEW

CUPOLEX® cast-in-place concrete pavements can provide low impact development solutions for total stormwater management including stormwater retention & harvesting, detention and ground water recharge.

Our structures are designed with a permeable topping placed above the concrete structure provide surface treatment. This can either be concrete pavers with a levelling base supplied by others or gravel/grass surfaces can be laid using PRATEX® for erosion control.

FEATURES

- Topped with a permeable layer of pavers, gravel or grass
- Area drains transfer water from the permeable topping to the concrete structure below.
- Stormwater is retained by the concrete structure's voids
- Isolator rows can be incorporated for pre-treatment.
- Void depths range from 8" (200mm) to 28" (700mm)
- CUPOLEX® concrete forming manufactured to ISO 9001:2015 high quality standards
- Complete construction documents with stamped and sealed design drawings provided by CUPOLEX® licenced PEs
- PRATEX® can be used for erosion control of the top layer of gravel or grass.

ADVANTAGES

- Removes the need for a separate buried stormwater capture chamber.
- Zero stormwater discharge from site
- High load-bearing concrete design that can exceed HS-20-44 full truck load plus impact
- Custom designed to any layout
- Streamlined installation supporting required work loads
- Modular, quick and easy installation of formwork
- Maximum water storage volume up to 90% of the void depth

