

Cavidrain® Invert

Tunnel Invert Cavity Drainage System

Optimised for High in-Plane Flow and Void Formation for Drainage



Product Information

Cavidrain® Invert provides a pre-formed tunnel invert drainage layer into which the concrete floor slab can be easily cast.

Cavidrain® Invert replaces the crushed stone and pipes traditionally used to collect and transport away infiltration water.

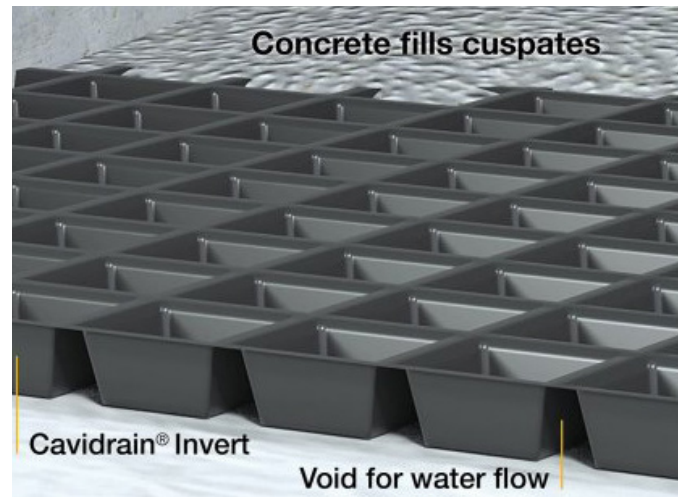
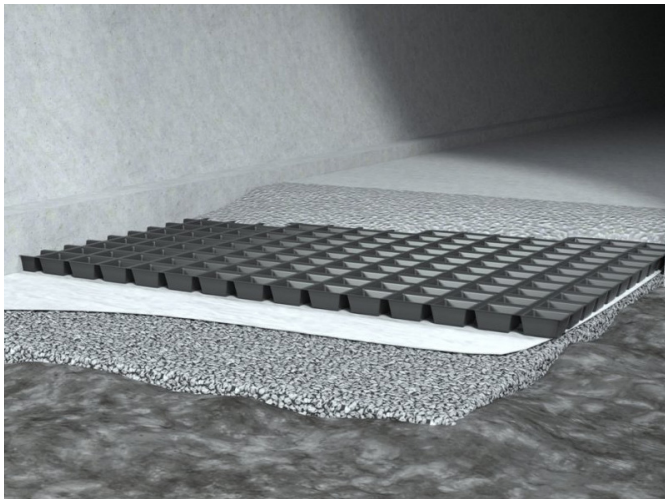
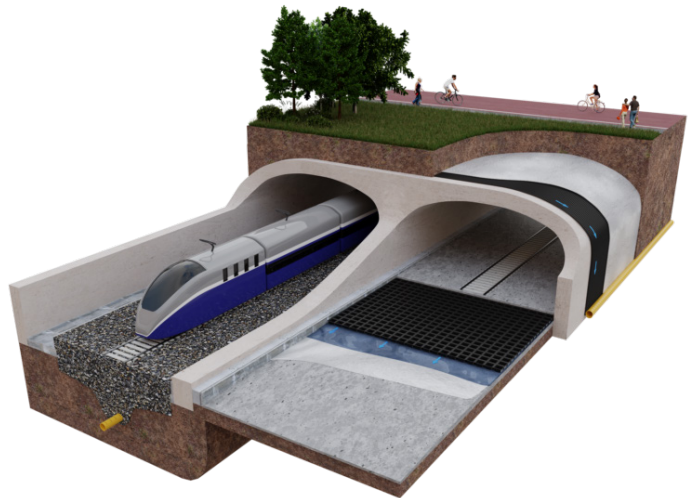
Applications

- New tunnel construction
- NATM constructed tunnels
- Cut & Cover tunnels
- Drill and blast tunnels
- TBM tunnels
- Metro underground stations
- Cable tunnels
- Highway tunnels
- Railway tunnels

Cavidrain® Invert

Benefits

- Simplified invert drainage system
- Reduced excavation requirements
- Significantly reduced project time scales
- Materials & labour cost reduction
- Reduced installation requirements compared to traditional invert drainage methods
- Improved drainage capacity
- Minimised damage caused by mineral calcification
- Designed in bespoke panels to suit tunnel dimensions



About Us

Leaders in Geosynthetics

Global Synthetics is a 100% Australian-owned company, proud to offer a complete range of high-quality geosynthetic products backed by over 200 years of combined staff experience in the industry.

We have supplied products to some of the largest recent infrastructure works in Australia. Global Synthetics provides major benefits to any geotechnical engineering project with the right products and our technical expertise.

Global Synthetics products are used in the following applications:

- Pavement Stabilisation
- Ground Improvement
- Soil Reinforcement and Retaining Structures
- Water Management
- Drainage Systems & Hydraulic Works
- Landfills
- Coastal Erosion Structures

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