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We're on the web!  
www.geosynthetics.com.au

Southern Geosynthetics offers a full range of erosion control products including SuperGro®, SiltStop® silt fences, Silt Curtains and now Silt Sausage™.



## Stop Press !

### New HateGrid

Huesker has released a new range of budget-priced geogrids, known as "Hategrid". These woven, polyester grids provide all the high performance of the famous Fortrac grids, but with a 10% price saving.

# Swift SGS Delivery !

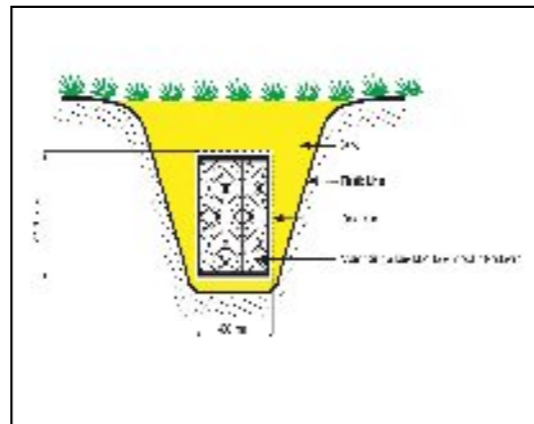


Karl & Joe in the warehouse

Southern Geosynthetics (SGS) is proud to announce that it has expanded operations to Swift Transport at 19 Tuscan Court, Thomastown, near the Edgar Rd exit on the Greensborough Ring-Road in Melbourne's northern suburbs. With a large fleet of trucks and utes, Swift Transport provides fast, reliable delivery service to the greater metro area. Put us to the test!

## Matrix Used in Bio-retention Trench

At the new Wyndham Fast Food Centre in Melbourne's west, builder BECON installed a 150m long bio-retention drainage trench using Matrix modules. The Matrix modules, wrapped in DUX filter geotextile and surrounded with washed filter sand, were located in a trench lined with Damtuff plastic liner. The Matrix modules provide a large storage volume as well as acting as a conduit to transport filtered water

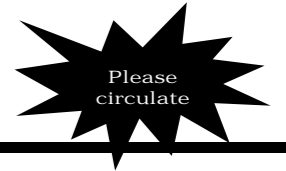


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# SGS NEWS



## MATRIX UNDERGROUND WATERTANKS

With Stage 4 water restrictions on the way the only story now is water. The simple, affordable answer is the Atlantis **Matrix** system. Every home can now have a guaranteed supply of water for the garden. The supply price for a typical domestic 10,000 Litre tank is \$2,500. And don't forget about the new government rebate, \$1,000 for a 5,000L tank if connected to the toilet and laundry.

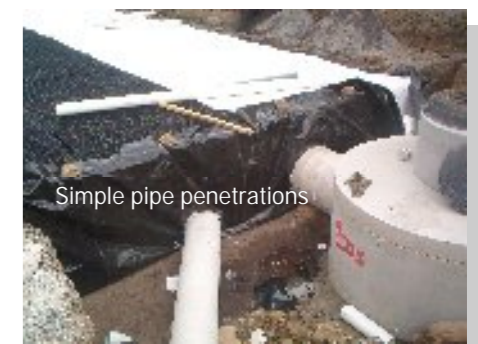
The modular **Matrix** system allows flexible layout to suit every domestic block. Lightweight, strong and easy to build the **Matrix** system is ideal for soak pits, short term detention as well as rainwater storage applications and can even be located under driveways and hardstands.

Recent large projects include a 250kl detention tank at the Thomastown Supacentre, 140kl at Mitre10, Diamond Creek and 190kl storage tank at Southern Cross Aged Care at Hampton Park. Rainwater tanks have been installed at numerous schools including Hampton (80kL), Parkdale (60kL) and Toorak (50kL) Primary Schools.

The challenge to engineers is to "Stop putting a round pipe in a square hole!" and design with the Atlantis Matrix system, an Australian innovation. For more info see the web site at [www.atlantiscorp.com.au](http://www.atlantiscorp.com.au) or contact Wayne on 039 719 7969.



240kl Detention Tank at Supacentre, Apex Court, Thomastown



12kl tank at authors home

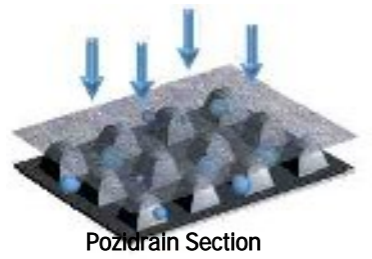


# POZIDRAIN IN GAS VENTING

At this BANCO project at Albert Rd, Brunswick, 7150sqm of **Pozidrain** has been used as an alternative to a gravel layer in a gas venting application. Before building works could commence on the old landfill site, remedial works were required to capture and vent any potential methane gases.

Compared to gravel drainage layers Pozidrain is much thinner while having superior flow capacity. This reduces the required thickness of the capping layer, resulting in considerable savings. The 4.4m wide rolls ensure rapid placement.

For more details see the web site at [www.abgltd.com](http://www.abgltd.com)



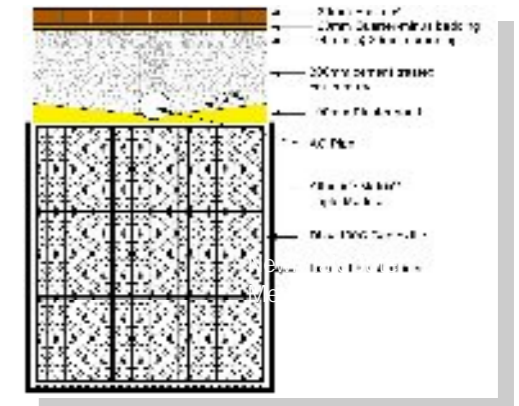
## DUX B14 PAVING FABRIC

140gsm polyester non-woven is widely used in chip seals in highway applications. The fabric acts as a water-proofing layer and helps to deter reflective cracking. However another interesting application is in resurfacing of asphalt tennis courts. **DUX B14** is laid on the existing AC surface with a light sprayed bitumen tack coat. An asphalt wearing course is then laid over the fabric. The **DUX B14** helps to prevent cracks in the under-lying surface showing through the new AC surface "reflective cracking". **DUX B14** is available in a range of roll widths including 3.5m which is an ideal match for most roadway lane widths.



# ATLANTIS WORLD FIRST !

Combining permeable paving with the Atlantis **Matrix** water storage modules is a new idea that offers real benefits - no pits or pipes! Until now the water captured through permeable paving was simply soaked away, but a better way is to capture this water in an **Matrix** underground rainwater tank for re-use later. This project at Linlithgow Street, Toorak is a world first - combining C&M's EcoPave with a 53,000L Atlantis Matrix tank. The **Matrix** system was located first under the driveway - with a crush strength greater than 26 tonne/sqm the **Matrix** system is ideal for heavily trafficked areas. Structured pavement layers of cement-treated crushed rock, open-graded 20mm screenings and quarter-minus bedding were followed by the Eco-Paver. Rainwater is captured from both the roof and the pavement. Pavement water simply flows through the paver and is channeled into the Matrix tank through permeable screenings and filter geotextile layers. To learn more contact Wayne on 03 9719 7969.



## DUX 130C for Septic Lines

Believe it or not, newspaper is still commonly used by plumbers as a separation layer over drainage aggregate in septic trench lines. DUX 130C is the ideal choice for this application, ensuring long-term performance. Unlike newspaper, DUX 130C will not break down in time, and its high permeability ensures good drainage of surrounding soils.

