

Geosynthetics *News*

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GRIPSET Pavement Protection Systems



Southern Geosynthetics is proud to distribute GRIPSET Pavement Protection Systems. GRIPSET is an Australian manufacturer of a range of products used in pavement protection. In the 1970's GRIPSET developed water-based and solvent-free technology, offering safer alternatives to hot and solvent methods of manufacture. All GRIPSET products are COLD APPLIED, making storage, handling and application a breeze.

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GRIPSET Pavement Protection Systems

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NEW – Terra Vault HD Module

Anti-Reflective Cracking (ARC) Membrane

ARC is a unique high-strength, reinforced self-adhesive bituminous sheet. Proven on West Gate Fwy.

- reduces reflective cracking
- waterproofs road
- reduces stress and fatigue
- reduces rutting of pavements



Road Tape

Road Tape is a self-adhesive reinforced bitumen strip.

- seals cracks in roadways and joints in bridge deck and concrete culvert construction joints.
- range of roll widths, 150, 250, 300 and 500mm.



Asphalt Crack Sealing Band

Polymer-modified bitumen tape with surface pre-gritted.

- seal and bridge road cracks
- cold applied, self-adhesive
- excellent adhesion
- excellent skid resistance



GRIPSET Pavement Protection Systems

GRIPSET[®]
SEALED FOR GOOD

Patch Phalt

permanent pothole repair

- cold applied
- works in water, no primer required
- no bleed
- open to traffic immediately
- safe - no heat
- 12 month shelf life, available in 20kg pails.



B26 Bitumen Crack Sealer

- cold applied
- fast drying
- excellent adhesion properties
- excellent crack bridging properties
- available in 15L, 200L drums and 1000L schutz units



Enviro Crack Sealing Unit

Portable, pressurised dispensing unit

- applies B26 and C26 crack fillers
- connect directly to air compressor
- light-weight, easy to handle



Asphalt Resurfacer B09

Cold applied bituminous surface treatment

- replenishes binder content in the asphalt layer
- rejuvenate oxidised substrates
- fast drying
- outstanding adhesion properties
- excellent durability
- non-slip

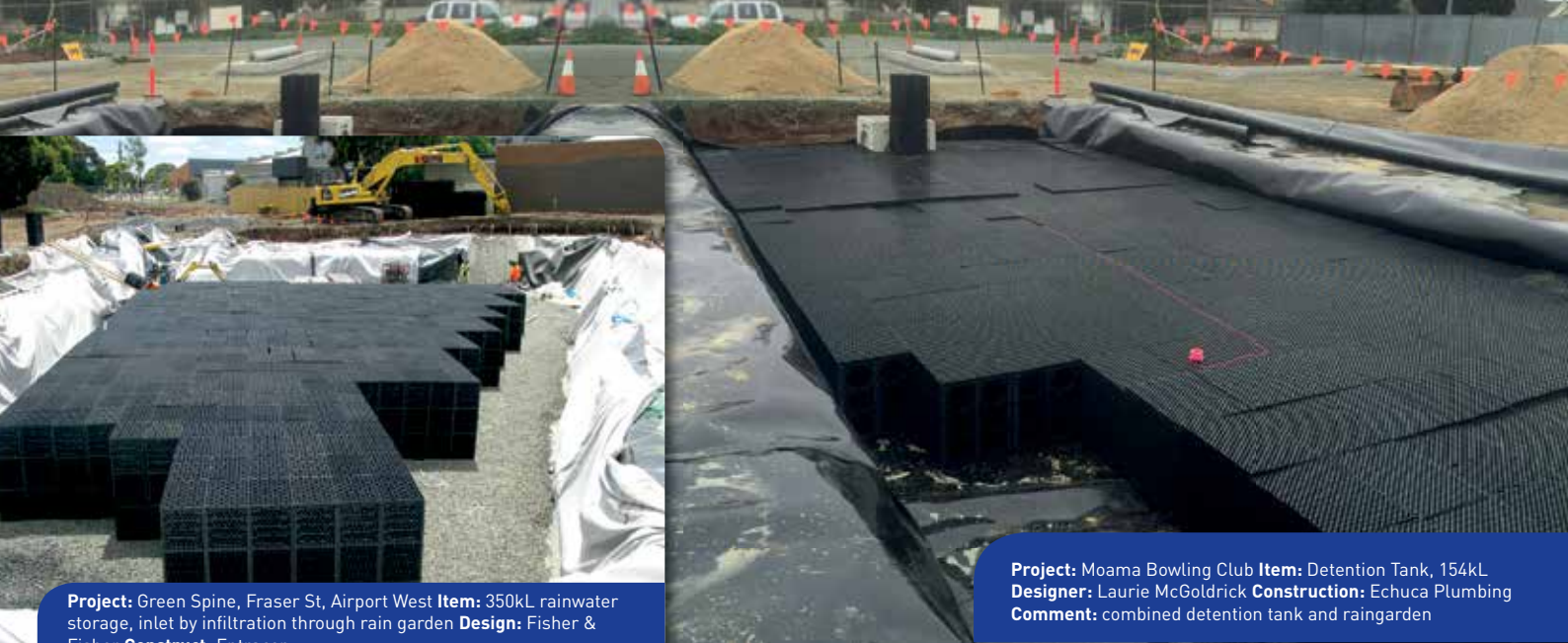


Tunnel Segment Sealing Membrane

Gripset 773 is a reinforced sealing membrane designed to absorb driving forces between segments in tunnel constructions when using the shield tunnelling method.

- flexible membrane
- ability to absorb high pressures
- good rebound properties
- quick and easy to apply
- excellent water resistance
- resistant to sulphates, ground salts, diluted acids.





Project: Green Spine, Fraser St, Airport West **Item:** 350kL rainwater storage, inlet by infiltration through rain garden **Design:** Fisher & Fisher **Construct:** Entracon

Project: Moama Bowling Club **Item:** Detention Tank, 154kL **Designer:** Laurie McGoldrick **Construction:** Echuca Plumbing **Comment:** combined detention tank and raingarden

Rainsmart Stormwater Management

Rainsmart stormwater modules provide simply the best system for managing stormwater. Industry leading “Ellipse” (25 tonne/sqm) and the super-strong “NERO” (55 tonne/sqm) modules offer the designer a range of choices for all stormwater management applications including soak pits, general detention and also rainwater storage and re-use.

The Rainsmart system answers all the key design questions including:

Structural Strength: testing completed at UTS and in the USA to achieve H-20 load rating. Modules are each completely self-supporting, no need for special reinforcement for vehicle loads.

Flushable: open internal panels provide easy flush-out of tanks

Secure: a range of impermeable PVC liners allow easy on-site installation. PVC liners are supplied in large 10.8m wide sheets, maximising coverage and minimising on-site fabrication. PVC liners can be seamed by hot-wedge welding and also by glueing, ensuring secure pipe penetrations through the liner.

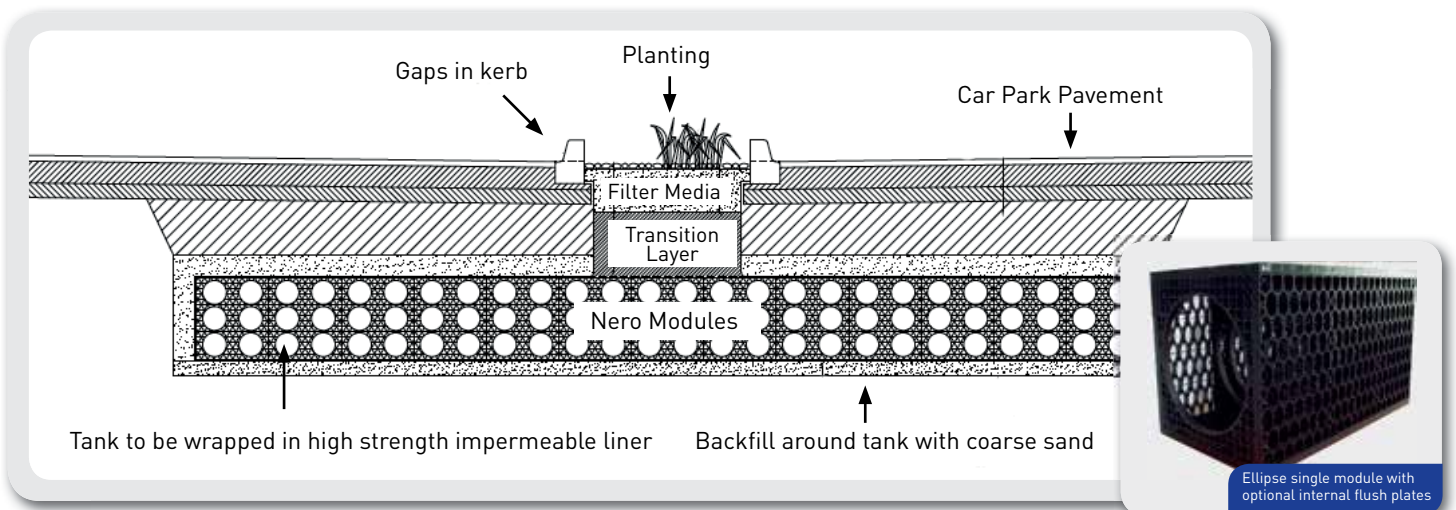
Flexible: the modular system allows complete flexibility in layout, any tank shape and depth.

Space Saving: completely utilises available space. No lost volume due to backfilling as with round pipe or arch systems.

Cost Effective: supplied at under \$200 per cubic metre (1,000L).

Two recent projects demonstrate innovative design using Rainsmart modules - Rainsmart systems have been successfully installed in thousands of projects Australia wide.

Southern Geosynthetics provides expert design assistance so contact us to discuss any project details or for a fixed-price supply quote.



NEW – Terra Vault HD Module

New open walled modules used to promote tree root growth. Modules are installed around tree root zone, filled with soil and provide structural support and ensure soil remains uncompacted.

- heavy load-bearing capacity
- modular structure allow design flexibility
- high internal void ratio (95%)
- quick, lightweight, easy to install



Meet Southern Geosynthetics Victorian Sales Engineer – *Ankit Lumb*



Viscaria contractors installing G640 geogrid at Deer Park project

Ankit Lumb has joined Southern Geosynthetics as Victorian Sales Engineer.

Ankit is a qualified Mechanical Engineer and member of the Institution of Engineers.

*Please contact Ankit on
0438 714 741 for all sales
and technical queries*



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