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Southern Geosynthetics Supplies Pty Ltd

New Water Products

Huesker has introduced two new products -CANAL3 and Zeomat2. CANAL3 is a composite of a EVA geomembrane bonded on both sides with a non-woven geotextile for protection. This tough, easy to install liner has proven a cost effective solution for major projects in the USA. Zeomat2 consists of a permeable and buoyant foam structure that is bonded to a nonwoven geotextile. The addition of the mineral zeolite provides an odour adsorbing layer.

When used as a floating waste lagoon cover, the Zeomat acts as a multi-level bioreactor that provides a zone for anaerobic and aerobic bacteria activity and a zone for gas absorption.



Unrolling Zeomat²

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For more info see
www.huesker.com
or contact Wayne
on 0419 478 238.



Installation of Canal³



www.geosynthetics.com.au

Tasman Pontville Project

Fortrac geogrid and the Tasman concrete block retaining wall system featured recently in a road and pedestrian link over Whitewater Creek at Kingston, Tasmania. The Fortrac geogrid provides soil reinforcement for the 4m high Tasman walls.



Tasman walls taking shape around concrete bridge arch

Project Manager Peter Campbell of Ron Carthew Civil Contracting sang the praises of the system, “we found both products to be of high quality with the blocks being lightweight and easy to lay. These features helped us to complete the project within the contract period and to budget”

Fortrac geogrid reinforced soil walls are the smart choice for demanding retaining wall projects.

Hatelit C at Sydney Airport

Hatelit C asphalt grid is proving a popular choice for treating cracked pavements. At Sydney Airport in August Boral Asphalt laid 4,000sqm of Hatelit C in taxiway Alpha. First the existing cracked concrete pavement was removed and a new pavement of recycled concrete slag placed. Two 50mm thick asphalt layers were then placed, including Hatelit C in the middle to help prevent reflective cracking.

These works follow use of 10,000sqm of Hatelit C last year over General Holmes Drive and a further 8,000sqm in future projects. Such a successful track record shows that Hatelit C is the best choice for treating cracked pavements.



Laying Hatelit C at Sydney Airport

The Big One!

You won't believe this one. At Flete Street in Armadale installer Damien Morwood was asked to install the largest tank that would fit on the block - so he did, a 200,000L monster!

By far the biggest domestic project yet undertaken the technique is the same, however, as for a small tank. After the hole is prepared, the Damtuff liner is placed, followed by DUX geotextile and then the assembled Matrix modules are installed. An interesting addition here was the underdrain system which is an added precaution to help prevent uplift by buoyancy forces.



Ready to begin installing the 420 Matrix Quad modules

Now the owners can rest easy that they will never run out of water!

SaveWater Expo

Come and visit our booth at the SaveWater SaveEnergy Expo at Jeff's Shed on October 19,20 and 21. SGS will be featuring the Atlantis range of water management products including the famous Matrix Stormwater Modules.

Come along to our seminar at the speakers café on Friday at 2.30PM and learn from the experts in the field how underground rainwater storage is done.



New products and new ideas from Atlantis

Permeable Pavement Field Tests

RMIT researchers have published a new paper on field testing of permeable paving at CERES which has shown reduced stormwater run-off and improved water quality. Atlantis Turfcell reduced peak run-off by 60% and Zn, TSS and oil was reduced by 90%.



Turfcell at Power Street, Bayswater

The authors concluded "pervious pavements could play an important role in Water Sensitive Urban Design as it helps to reduce peak flows, improve water quality and if properly designed, permits the infiltrated water to be harvested."

New Sydney Branch

Southern Geosynthetics is proud to announce the opening of its new Sydney office and appointment of Matt Bailey as branch manager. Matt has many years experience in landscape contracting and product marketing and can bring his practical knowledge to bear on applications of all SGS geosynthetics materials.



Matt inspecting Hatelit C installation at Sydney Airport

Please contact Matt on 0409 953 136 for all sales and technical enquiries.

Stop Press !

The State Government has announced 5\$M funding for innovative water use projects. SGS can help with submissions.

Applications close on 9 November for Round 5 of the Smart Water Fund. See www.smartwater.com.au



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

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