

HATELIT C AT WHITTLESEA

The Problem

Burgeoning residential growth in Melbourne's North has doubled traffic over the last few years. Yarra Waters Boulevard is the sole access road to The Lakes Estate in South Morang and the road condition was deteriorating due to heavy usage.

The Challenge

Improve the strength of the pavement and life of the road without closing it to traffic.

The Solution

Laying a 200mm thick deep lift asphalt layer was considered, however City of Whittlesea engineer Marco Di Pietro knew of the reinforcing effects of **Hatelit C** and proposed a solution of milling out only 130mm of existing asphalt (AC) reinstating an 80mm layer of AC, followed by a layer of **Hatelit C** and then a final 50mm wearing course.

Hatelit C is a specialized asphalt reinforcement grid which is proven to reduce reflective cracking and extend the life of the road up to 4 times.



Blacktop Paving
laying Hatelit C with
one lane open to
traffic

SUPERGRO AT WODONGA

Supergro has proven to be the ideal solution to erosion problems for the Albury-Wodonga Development Corporation (AWDC). The light-weight degradable mat conforms to the soil surface preventing erosion, at the same time acting as a "hot-house" to promote rapid grass growth. The green colour is visually attractive and best of all the compact rolls are easy to transport, handle and place.



Supergro lining
entrance to Wattle Glen
Estate

COIR MAT

Coir Mat has long been the preferred choice of erosion control professionals. **Coir Mat** is made from coco-nut husk fibre bonded to a degradable polypropylene scrim. Coir is rich in lignin, typically 46% for coir, compared to only 12% for jute, which ensures its long life. **Coir Mat** typically lasts over 6 years, compared with other products which degrade in a few months.

The high strength of **Coir Mat** makes it ideal for use in waterway applications. An added bonus is the fact that coir does not release any fine fibres when handled, making it contractor-friendly, unlike jute mat which is messy and difficult to handle.



Coir Mat at Eastlink Project

DUX 130C DRAINAGE GEOTEXTILE

The new **DUX** range of non-woven geotextiles is finding wide usage in civil projects. The wide range of roll sizes suit every application. **DUX 130C** is available in special 2.5m wide rolls to suit the growing market for sub-soil drainage trenches in swale drains. These trenches are typically 500 wide and deep, so the 2.5m width neatly wraps around the trench in one piece, reducing wastage. **DUX 130C** keeps the drainage aggregate clean from fines to ensure long term performance of the drain.



Tenterfield Estate at Taylors Lakes

NEW Agent Appointed

SGS is proud to announce the appointment of the Bianco Group as local South Australian agent for all SGS products. Bianco PCP General Manager Mr Peter Picicella said, "We look forward to working with SGS to develop the geosynthetics business in South Australia. This development allows us to offer our customers a complete range of products including geotextiles, geogrids, drainage and erosion control products".

The Bianco group is a local icon in the building and construction industry in South Australia, supplying everything from builders hardware to pre-cast concrete panels and bridge beams. Phone 08 8444 7555 for details.



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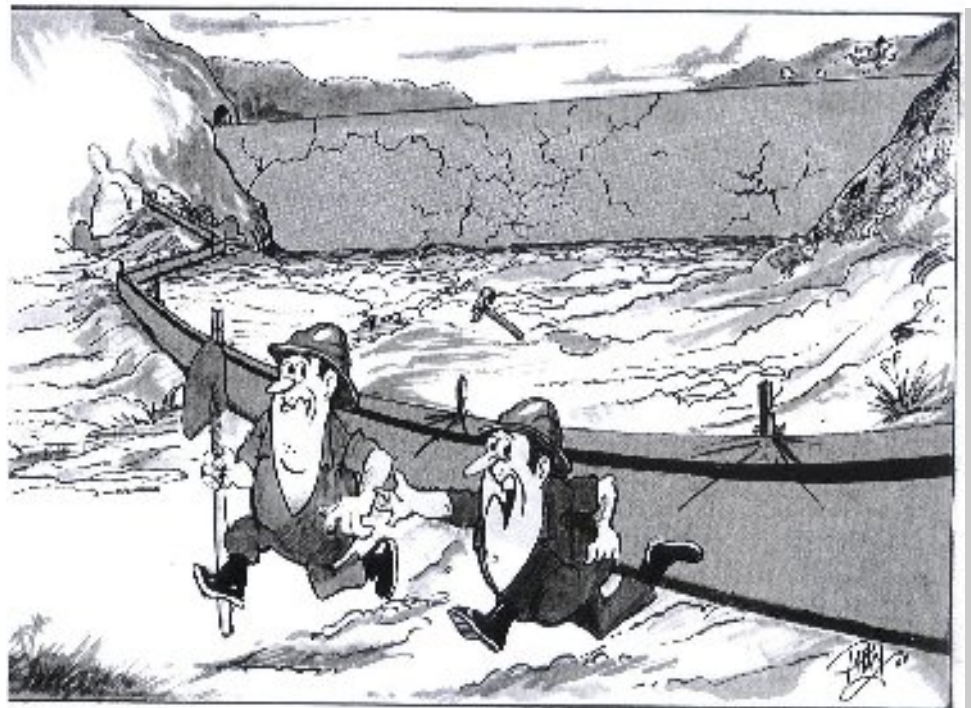
Southern Geosynthetics offers a full range of erosion control products including SuperGro®, SiltStop® silt fences, Silt Curtains and now Silt Sausage™.



Fortrac Fixes Road Slip



Local Traralgon contractor Matthews Quarries get all the tricky jobs! A slip on the Red Hill Road needed to be rectified and project manager Gary Tate of Project Services chose **Fortrac 55/30-20** polyester geogrid to fix the problem. The grid was simply placed in layers at 1m spacings throughout the imported clay fill to form a reinforced soil block, 80m long and 18m high. A simple "spill through" face completed the construction. 1500sqm of **Fortrac 55** grid was supplied. The total construction cost of \$80,000 included reinstatement of the sealed road. Gary said "this low-cost solution is an economical alternative to more expensive solutions such as retaining walls or timber piles".



"Of course, I don't think a silt fence will solve all your erosion problems!"