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DUX® Non-woven, continuous-filament, polyester geotextile

Southern Geosynthetics announces the release of a new range of polyester non-woven geotextiles specifically designed to be fully compliant with RMS R63 and TMR MRTS27 specifications.

The DUX® polyester range is made from highly-durable UV-stabilised continuous-filament virgin polyester fibres. The polyester fibre is highly needled to produce a range of geotextiles engineered with the best mechanical and hydraulic properties. Suitable for all civil applications requiring separation, filtration, drainage, and protection.

The DUX® range is produced in ISO accredited manufacturing facilities to the highest standards. DUX® is wrapped in highly protective plastic wrap to provide maximum UV protection, and each roll is clearly identified with detailed labels for ease of QC tracking. DUX® is available in a range of roll sizes up to maximum 6m.

QLD MRTS27 & NSW RTA R63

DUX® Grade	STRENGTH CLASS	GRAB TENSILE STRENGTH	TRAPEZOIDAL TEAR STRENGTH	G RATING	ESO-PORE SIZE O_{95}	FLOW RATE (Q_{100})
		N	N	-	μm	L/sqm/s
		AS 2001.2.3.2	AS 3706.3	AUSTROADS 90	AS 3706.7	AS 3706.9
		Q VALUE	Q VALUE	Q VALUE	Q VALUE	Q VALUE
DUX® 150A	A	> 500	> 180	> 900	< 120	> 50
DUX® 200B	B	> 700	> 250	> 1350	< 120	> 50
DUX® 270C	C	> 900	> 350	> 2000	< 120	> 50
DUX® 350D	D	> 1200	> 450	> 3000	< 120	> 50
DUX® 500E	E	> 1600	> 650	> 4500	< 120	> 50



Southern Geosynthetics Supplies Pty. Ltd.
PO Box 885 Eltham Vic 3095
P: 1300 069 394 F: 03 9439 6700

MELBOURNE
Hilary Blake
M: 0438 714 741
E: hilary@geosynthetics.com.au

BRISBANE
Stephen Carney
M: 0409 953 136
E: stephen@geosynthetics.com.au



Geosynthetics News

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NEW!



Installing TVII at Jewel Apartments

Inside:

- Terravault II Takes the Load
- Erosion Control
- DUX®

Terravault II Takes the Load

Who said roads and trees don't mix? Pavement uplift and failure caused by tree root growth is a well known and widespread problem.

New Terravault II (TVII) answers all the questions to this perennial problem. With an extremely high crush strength over 65 tonne/sqm (92 psi) trees can be safely located within paved areas. How does it work? The TVII modules replace traditional "structural soil", allowing free spread of tree roots without affecting the pavement. Pavement can be built right up to the tree. Light-weight and easy to assemble the TVII modules allow rapid installation of advanced trees in streetscape areas. Best yet TVII is half the cost of competitor products.

Recent projects include the prestigious Jewel Towers development on the Gold Coast where contractor Landscape Solutions recently installed over 480sqm of TVII modules. SGS supplies a complete package of TVII modules, geotextile, geogrid, tree root barrier and tiedowns. Call Wayne now on 0419 478 238 for full details.

Erosion Control

Southern Geosynthetics has 20 years experience in soil erosion control and stocks a wide range of erosion control products including:

1 JUTE MAT

Light and heavy weight grades, pre-slitted for easy planting. Natural jute fibre is needled onto a central hessian reinforcing scrim. Jute Mat acts as a natural mulch, reducing evaporation and soil erosion. Natural jute fibre is biodegradable.



2 JUTE MESH (SOIL SAVER)

Effective, low-cost erosion control, the open mesh structure promotes rapid vegetation growth.



3 SOILFIX

Durable, high-performance, synthetic turf reinforcement mat. Grass roots bind into the mat structure providing erosion protection for high-velocity water flow up to 6m/s.



4 GEOCELL

Erosaweb 100mm deep geocell. Confines, reinforces and holds soil on steep slopes.



5 SILT FENCE

Strong UV stabilised, woven polypropylene fabric. Control silt run-off from building sites. Simply fix to timber stakes (also available) and trench into soil at base.



6 SILT SAUSAGE

Made from tough, high-flow capacity DUX non-woven geotextile. Silt Sausage slows down channel water flow, filtering gross pollutants and dropping out silt. Available in 1.3m and continuous 50m lengths. Natural fibre coir logs also available.



7 COBBER GUN

Saves times and money to install fixing pins. Reduce installation time by 87% with the Cobber Gun. The light-weight Cobber Gun is easy to handle and installs up to 3300 pins/hour. 150, 200 and 300mm pins available.



8 EARTHLOK

Concrete-block revetment mat. Permanent hard-armour protection for waterways.

