



**AUSTRALIAN-MADE
WITH RECYCLED MATERIAL**

SEALMAC® GREEN PAVING FABRIC GEOTEXTILE



protect
separate
filter

GEOFABRICS®
Sustainable solutions



Sealmac Green Paving Fabric Geotextile

Sealmac® Green is a non-woven paving fabric made from continuous polyester fibre, widely used in the maintenance and rehabilitation of road surfacing. It provides a cost-effective method of waterproofing and stress alleviation, mitigating the effects of reflective cracking in pavements and extending service life. When incorporated into new spray seals and asphalt overlays, it prevents the infiltration of moisture through surface cracks into the structural road pavement layers.



Recycled geotextile

Sealmac Green acts as an interlayer impregnated with bitumen, preventing penetration of surface water and oxygen into the road pavement layers, maintaining strength to provide extended performance.

- Standard specified product for state road authorities, selected for increased pavement life performance and proven life cycle cost benefits over total pavement rehabilitation

Sustainability with Sealmac Green

Our Sealmac Green range is made from a combination of recycled and virgin PET polymer. Production currently uses between 500 - 1,000 tonnes of Australian sourced recycled materials every year.

We work to protect, contain and secure the physical environment using smart geotextile and geosynthetic products. We help our clients mitigate environmental risk through world leading research and innovative product development.

Sustainability with Geofabrics

We believe Australian manufacturers have a responsibility to source and adopt local recycled raw materials into their manufacturing process. We will continue to seek innovative improvements for existing products and opportunities to replace virgin material with recycled material. Geofabrics is a proud member of the Infrastructure Sustainability Council (ISC).



Recycled wrap

Stress cracking in pavements is often caused by reactive subgrades, differential vertical movement and bending caused by deflection and thermal induced movement. Sealmac Green provides stress relief by acting as a stress absorbing membrane interlayer at the new overlay interface.

Why choose Sealmac Green?

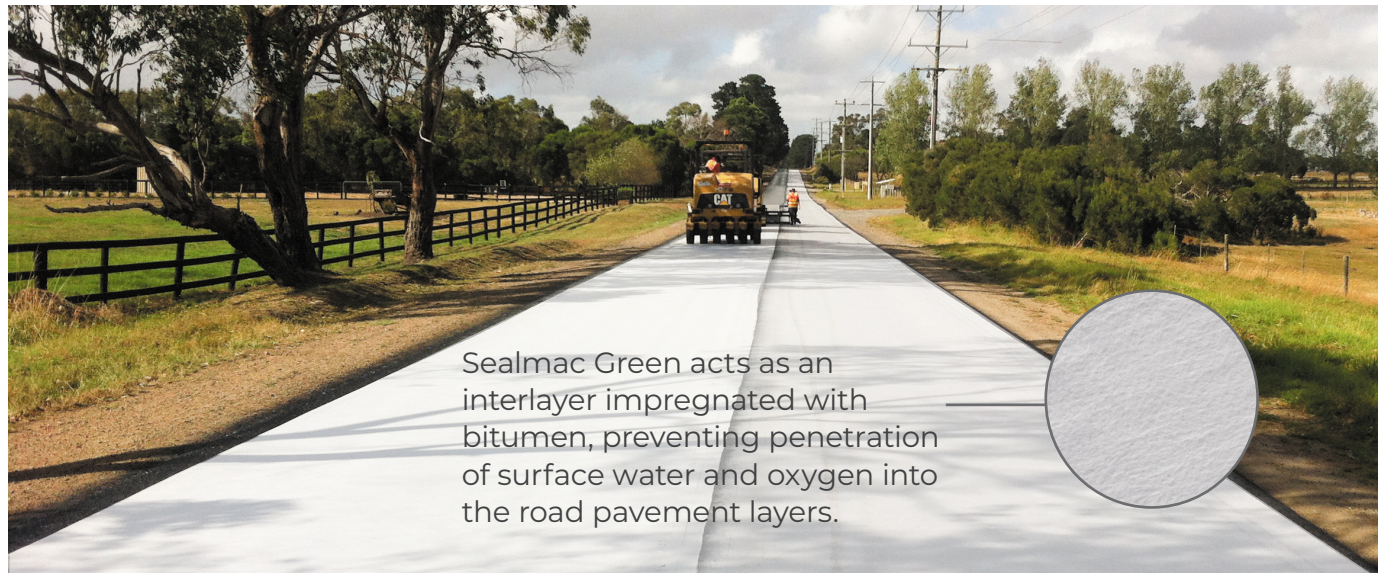
- Prevents premature pavement failure due to high moisture conditions and fatigued surfacing
- Can be laid with a bond coat over new base course or existing fatigued and cracked asphalt surfacing for maintenance applications
- Strengthens and waterproofs the interlayer of existing surfaces where thin asphalt pavement surfaces are utilised
- Compared to standard polypropylene, polyester fibres have a higher temperature resistance up to 240°C, providing increased dimensional stability and maintaining consistent bitumen absorption
- Tried and tested for bitumen retention and with several aggregates to ensure performance over its service life
- Increases the surface service life by over 7 years, improving life cycle costs



Recycled core

SEALMAC GREEN RANGE

Sealmac Green Grade	Width	Length
Sealmac Green PF1	Variable between 2m to 6m	Variable up to 450m
Sealmac Green PF2	Variable between 2m to 6m	Variable up to 350m



Sealmac Green acts as an interlayer impregnated with bitumen, preventing penetration of surface water and oxygen into the road pavement layers.

PREVENTS PREMATURE PAVEMENT FAILURE DUE TO HIGH PAVEMENT MOISTURE CONDITIONS



GEOFABRICS

ADDITIONAL BENEFITS OF WORKING WITH GEOFABRICS

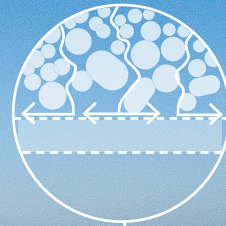
REDUCED RISK	<ul style="list-style-type: none">• Produced to strict manufacturing Quality Assurance (QA) provided by a geosynthetics NATA accredited laboratory, ensuring consistent quality for the entire project• Rolls are numbered individually and traceable back to the actual QA test results• Laboratory support is provided for the construction QA process for Sealmac Green geotextiles
ENHANCED PERFORMANCE AND RELIABILITY	<ul style="list-style-type: none">• Manufactured in Australia and installed to meet Australian specifications and conditions for over 20 years• The use and effectiveness is supported by laboratory testing and ongoing field performance
COST BENEFITS	<ul style="list-style-type: none">• Reduced maintenance cycles on road networks• Reduced pavement costs for remote roads• Quick and easy installation through customised roll widths that are available from Geofabrics
TECHNICAL EVALUATION AND INSTALLATION SUPPORT	<ul style="list-style-type: none">• Supported by technical assistance from our Geofabrics engineers• Equipment is available to assist with efficient and correct installation• Geofabrics Research, Innovation and Development (GRID) facility available for testing into the use of Sealmac Green as a moisture barrier, yielding savings to contractors and asset owners





INCREASES SURFACE SERVICE LIFE BY OVER 7 YEARS, IMPROVING LIFE CYCLE COSTS

Provides strain relief by acting as a stress absorbing membrane interlayer at the new overlay interface.



GEOFABRICS



AUSTRALIAN-MADE GEOFABRICS

Geofabrics is the only geotextile manufacturer in Australia, with plants in Albury and Ormeau. We pride ourselves on providing unrivalled service to our customers. We can recommend the best geosynthetic product to achieve the objectives of your project and ensure it's available when you need it.

Over 40 years of experience allows our technical staff to provide practical support, based on local conditions. We are proud to have been recognised in the Australian Financial Review (AFR) Most Innovative Company list in 2020 with Bidim Green.

In 2021, Geofabrics ranked #1 in AFR's Most Innovative Company for Manufacturing and Consumer Goods for Sorbseal.

With a view to the future, we are committed to improving the sustainability of our business by reducing waste to landfill, lowering our carbon emissions and investing in our people.



Visit [geofabrics.co](https://www.geofabrics.co) or call 1300 60 60 20 (AU)
or [geofabrics.co.nz](https://www.geofabrics.co.nz) or call 0800 60 60 20 (NZ)

GEOFABRICS[®]
Sustainable solutions