



**AUSTRALIAN-MADE
WITH RECYCLED MATERIAL**

TRACKTEX® GREEN ANTI-MUD PUMPING GEOCOMPOSITE



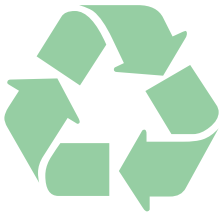
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GEOFABRICS
Sustainable solutions



Tracktex Green Anti-Mud Pumping Geocomposite

Tracktex® Green is a composite material consisting of a micro-porous filter between two layers of Bidim® Green geotextiles to help prevent water from penetrating the subgrade. When installed below the ballast, it effectively allows pore-water pressure to dissipate while preventing fine soil particles migrating upwards to contaminate the ballast. Rainfall or ground water is unable to penetrate the micro-porous filter and is drained laterally to the side of the track.



Recycled geotextile



Recycled wrap



Recycled core

Generally used in rail infrastructure projects, Tracktex Green is an effective multi-layer geocomposite solution to the mud pumping problem that often creates mud holes in railway tracks and ballast layers. This recurring issue results in costly track re-alignment repairs and maintenance for railway operators and contractors. It also conforms to the surface depressions in the formation layer to help prevent the creation of slurry pockets.

Why choose Tracktex Green?

Tracktex Green can:

- Prevent and correct mud pumping failure compared to other alternatives such as sand layers
- Provide cost savings by increasing the maintenance intervals on track beds often caused by mud pumping failure
- Provide a durable and reliable solution supported with UKAS accredited laboratory testing – reports show that the predicted durability is greater than 100 years in soil between pH levels of 3 to 11
- Reduce construction costs with quick and easy installation – no special tools or techniques required which can help lower possession times on busy railway lines and networks

Tracktex Green is approved for use by Australian and New Zealand Authorities and is a proven solution used both locally and internationally since its introduction in 2011.

Sustainability with Tracktex Green

Our Tracktex Green range incorporates Bidim Green which is made up of recycled PET polymer material. 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.

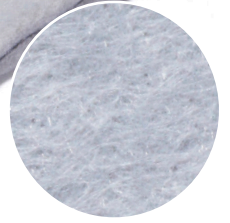
Sustainability with Geofabrics

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).

TRACKTEX GREEN RANGE

Tracktex Green Grade	Width	Length
Tracktex G390025	3.9 metres	25 metres

Tracktex Green is a composite material consisting of a micro-porous filter between two layers of Bidim Green geotextiles to help prevent water from penetrating the subgrade.



MAXIMISE THE RECYCLED MATERIALS USED WITHOUT LOWERING THE QUALITY OF THE PROJECT



GEOFABRICS

ADDITIONAL BENEFITS OF WORKING WITH GEOFABRICS

<p>REDUCED RISK</p>	<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 Bidim geotextiles
<p>ENHANCED PERFORMANCE AND RELIABILITY</p>	<ul style="list-style-type: none"> • Manufactured in Australia and installed to meet Australian specifications and conditions for over 10 years • The use and effectiveness in a large range of applications is supported by laboratory testing and ongoing field performance
<p>COST BENEFITS</p>	<ul style="list-style-type: none"> • Provide cost savings by increasing the maintenance intervals on track beds often caused by mud pumping failure • Reduce construction costs with quick and easy installation – no special tools or techniques required which can help lower possession times on busy railway lines and networks
<p>TECHNICAL EVALUATION AND INSTALLATION SUPPORT</p>	<ul style="list-style-type: none"> • Supported by technical assistance from our Geofabrics engineers • Installation equipment is available to assist with efficient and correct installation • Geofabrics Research, Innovation and Development (GRID) facility available for testing into the use of Bidim Green as a cushion layer, yielding savings to contractors and asset owners





REDUCE CONSTRUCTION COSTS WITH QUICK AND EASY INSTALLATION



Rainfall or ground water is unable to penetrate the micro-porous filter and is drained laterally to the side of the track



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