



**CAPABILITY
STATEMENT 2022**

GEOFABRICS®
Sustainable solutions





**WORKING WITH CLIENTS TO
DEVELOP THE RIGHT SOLUTION FOR
EACH INFRASTRUCTURE PROJECT**



Who are Geofabrics?

Geofabrics® is in the business of building key infrastructure across Australasia and beyond. We are focused on developing new and innovative products and providing our customers with world's best solutions to complete civil projects.

In 2021 we acquired Plascorp® to become one of the largest private companies in Australian/New Zealand manufacturing.

Geofabrics

We have been in the business of geosynthetic engineering for over 40 years. Geosynthetic engineering is the use of synthetic materials in civil engineering projects to achieve more cost effective, environmentally sound and safer construction outcomes.

We manufacture and distribute geosynthetic products throughout Australia, New Zealand, and other international markets. We operate in various sectors with expertise in infrastructure including roads, rail, mining, coastal, waste, sports and recreation, renewables, water, defence, aviation and ports.

Our product innovations include bidim® Green geotextiles and Megaflo® Green subsoil panel drains, both manufactured utilising recycled plastic material and SorbSeal® hybrid geosynthetic clay liners with activated carbon for the containment and removal of PFAS.

Plascorp

Plascorp™ has been in the industry for over 50 years and is one of Australia's leading privately owned manufacturers of industrial products including PVC pipe, mine ventilation, steel reinforcement, ducting and hose.

With local manufacturing plants in Victoria, Western Australia and Queensland, Plascorp and Geofabrics share business philosophies and history.

Plascorp has a strong presence in the commercial, residential and industrial markets which provides opportunities for Geofabrics to grow in these sectors.

Infrastructure market

We are in an era of unprecedented infrastructure spending with governments in Australasia set to spend over \$100 billion on public infrastructure, roads and rail plus the mining industry contributing another \$34 billion.

Local manufacturing

Geofabrics are the only geosynthetic manufacturer in Australia. We employ more than 100 manufacturing staff and return more than \$10 million per annum into the regional communities in which we operate.

Local manufacturing also provides:

- Greater quality control
- More reliable supply chain
- Shorter lead times
- Flexibility & responsiveness
- Greater innovation

2021

Geofabrics
acquired
Plascorp

 **PLASCORP**

340

Employees
Geofabrics 230
Plascorp 110

Over

6000

customers
throughout
Oceania

GEOFABRICS®

What does Geofabrics provide?

Our success is based on strong partnerships with clients to solve their engineering problems. Our vision is to be a solution provider, to supply products that demonstrate cost savings, superior technical performance, safer operations and better environmental outcomes.

Technical leadership

GEOFABRICS GRID LABORATORY

We supply world-class technical leadership and engineering support through our innovation, research, industry education, design and independent testing services.

Our GRID (Geosynthetic Research, Innovation & Development) laboratory is a specialist facility that works with clients to develop the right geosynthetic solution for each project.

Based in south east Queensland, the laboratory houses a selection of key geosynthetic-specific test equipment. Testing is aimed at solving the real-world problems that designers, contractors and asset owners find on their site, to ensure the right solution is adopted.

- Analysis is performed according to Australian and international test methods
- Comprehensive test reports are generated, including results, photos, graphs, test conditions and details of the apparatus used
- Research is supported by industry leading suppliers in both laboratory and field trials across America, Europe and Asia

SECTOR SPECIFIC EXPERIENCE

With experts in each sector, our comprehensive design advice can include stability analysis, typical sections and standard details. We can also assist with product specifications and installation guidelines for tenders.

Our engineers provide our clients with specification reviews, design suggestions and certified designs for geosynthetic applications that are more cost effective and technically superior.

INNOVATION & EDUCATION

We provide technical and practical education to engineers about the use of geosynthetics in a range of infrastructure projects.

Our team conducts real-world, technical seminars for engineers and contractors to earn CPD hours through our Geofabrics Academy™. We also run in-house workshops for our clients and undertake lectures at Universities around Australia and in New Zealand.

We are proud to support the next generation of engineers through sponsorship of PhD candidates.

Quality & traceability

Geofabrics manufactures in compliance with the Australian and International Quality Standards and are ISO 9001 assured. We operate two QA Laboratories in Australia – Albury is NATA Accredited, Ormeau GRID is GAI LAP accredited and products are tested frequently and transparently.

Site installation

Geofabrics has the largest regional footprint of any geosynthetic supplier in Australasia. We have sales branches nationally, so we can deliver product where and when you need it and provide local expertise to support your project.

Product installation is critical to project success and local representation can ensure correct procedures and minimal delays.

Contractual capacity

Supply of materials in a timely manner is critical for any project. Australian manufacture allows greater flexibility to adapt and change both the product quantities and scheduling in order to accommodate the clients' requirements during the contract period.



GEOFABRICS
ACADEMY



40+

Years of
reliable supply





DEVELOPING PRODUCTS AND SERVICES THAT HAVE POSITIVE ENVIRONMENTAL, SOCIAL AND ECONOMIC IMPACT

Sustainability

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.

Providing a use and a market for recycled material is integral to developing a circular economy. By incorporating recycled material into products such as bidim Green, Tracktex® Green, Sealmac® Green, LamGrid Green and Megaflo Green, Geofabrics is helping to reduce waste to landfill and plastic waste into waterways.

We are providing more sustainable products for infrastructure businesses to incorporate into their projects, reducing their own impact on the environment.

FURTHER REDUCING ENVIRONMENTAL IMPACT

When used in infrastructure projects, geotextiles have the added benefit of reducing energy use and carbon emissions as they are lighter and less energy intensive to produce than traditional construction materials such as steel and cement. The use of geotextiles can also reduce the need to transport and use high quantities of quarried materials and aggregates while achieving the same result.

Contaminated sites and landfills which may contain PFAS & other contaminants of emerging concern (CECs) can be contained and sealed using a hybrid clay liner such as Sorbseal®.

This protects the surrounding environment and waterways from dangerous contaminants that don't break down.

Geotextiles can also be used to prevent erosion to coastal shorelines caused by extreme weather events such as heatwaves, cyclones and floods. The increase in intensity and frequency of these events is being influenced by climate change.

Geosynthetics are also used to promote revegetation and surface protection against wind and water in the rehabilitation of mining sites.

While we are utilising recycled material in manufacturing, we are also implementing changes to reduce our own impact. We have installed solar systems and LED lights across the business, improved the energy efficiency of production and reduced waste.

Geofabrics is a proud member of the Infrastructure Sustainability Council (ISC) and is dedicated to reducing our impact on the environment.



GEOFABRICS®



OUR COMMITMENT TO WORLD-CLASS QUALITY PROVIDES OUR CLIENTS WITH CONFIDENCE



Unmatched expertise & support

We draw from our years of experience to tailor design and provide geosynthetic solutions to best meet our client's performance and economic requirements. Our superior technical support includes early stage testing to validate product selection; design and construction suggestions; certified designs if required, as well as installation systems to increase safety and productivity during installation.

TECHNICAL SUPPORT	<ul style="list-style-type: none"> • Superior technical support, including design and construction recommendations, construction and installation systems • National team of engineers • Laboratory and in-situ testing and evaluation of products • Develop prototypes and carry out testing in situ of bespoke products and system solutions
AUSTRALIAN-MADE PRODUCTS	<ul style="list-style-type: none"> • Proud Australian manufacturer with plants in Albury and Ormeau • Actively give preference to Australian suppliers
LOCAL DISTRIBUTION	<ul style="list-style-type: none"> • Sales branches throughout Oceania • Ensures prompt supply from local stock holdings
PRODUCT RANGE	<ul style="list-style-type: none"> • Complete geotextile and geosynthetic range across various sectors • Competitive pricing
ENVIRONMENTAL COMMITMENT	<ul style="list-style-type: none"> • Committed to sustainability and seeking innovative ways to achieve change • 40% reduction in per unit energy use in Albury since 2005 • Increase year-on-year of recycled material used in manufacturing and packaging • Reduction year-on-year in waste produced by manufacturing
QUALITY & REPUTATION	<ul style="list-style-type: none"> • Australian leader in geosynthetics and geotextiles • Reputation for supplying world-class products and technical support • ISO 9001 accredited management systems in manufacturing
INNOVATION & EDUCATION	<ul style="list-style-type: none"> • Numerous R&D projects with customers and local Universities to solve problems and innovate • Committed to educating engineers about the use of geosynthetics, by conducting seminars and Geofabrics Academy sessions, in-house workshops and lectures at Universities
SUPPORT TOOLS	<ul style="list-style-type: none"> • Wide range of support tools, ranging from design software to installation equipment and literature



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** OR CALL 1300 60 60 20 (AU)
OR **GEOFABRICS.CO.NZ** OR CALL 0800 60 60 20 (NZ)



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