



**AUSTRALIAN-MADE
WITH RECYCLED MATERIAL**

BIDIM® GREEN NON-WOVEN GEOTEXTILE



protect
contain
secure

GEOFABRICS®
Sustainable solutions



Bidim Green non-woven geotextile

Bidim® Green is a premium non-woven geotextile made with a combination of recycled PET and virgin plastic material, designed to provide an effective and economic solution for a multitude of engineering applications.



**Contains
recycled PET**



**Recycled
packaging**

**Independently
verified by:**



Why choose Bidim Green?

In infrastructure development projects such as road, rail and mining, Bidim Green offers excellent filtration, separation and drainage properties.

Bidim Green provides:

- Excellent performance in filtration, separation, drainage and protection applications
- Reduced reliance on imported or quarried fill materials helping lower construction costs and installation times
- A strong three-dimensional structure with high elongation and equal biaxial strength properties for consistent performance in all directions
- Independently verified Environmental Product Declaration (EPD) through EPD Hub

Bidim Green is designed to meet the requirements of Australian & New Zealand road and rail authorities and is manufactured in Australia in a facility certified to ISO9001:2015 standards.

Sustainability with Bidim Green

Our Bidim Green range is manufactured using a combination of recycled PET polymer with packaging made from recycled materials to further reduce environmental impact.

We work to protect, contain and secure the physical environment using smart geotextile and geosynthetic solutions. Through world-leading research and innovative product development, we help our clients mitigate environmental risk while supporting more sustainable infrastructure outcomes.

Using Bidim Green can help:

- Reduce energy use and carbon emissions by replacing or reducing imported and quarried construction materials
- Lower carbon emissions by reducing the volume of quarry materials and heavy transport required for road and rail construction
- Support the circular economy through the use of Australian-sourced recycled PET materials

Bidim Green is supported by an independently verified Environmental Product Declaration (EPD), providing transparent, third-party verified information on the product's environmental impact across its cradle-to-gate life cycle.

The EPD gives engineers, specifiers and asset owners confidence in Bidim Green's environmental credentials, supporting informed product selection and helping projects achieve their sustainability objectives.

Manufactured at the Geofabrics Australasia facility in Albury, NSW, Bidim Green is produced using controlled processes and recycled materials to ensure consistent quality while minimising waste. Local manufacturing also reduces transport-related emissions, supports Australian jobs, strengthens local supply chains, and contributes to a more circular economy.

Geofabrics is also a proud member of the Infrastructure Sustainability Council (ISC) and Bidim Green is available on ISupply.

BIDIM GREEN RANGE

Bidim Green A Grade	Strength Class	Widths	Length	ISv2.0 Rating credits
A14G	A	2m, 3m, 4m, 6m	250m	Ecn-4, INN-1, Rso-4, Rso-5, Rso-6, Spr-1, Spr-2, Spr-3
A19G	B		200m	
A24G	-		200m	
A29G	C		150m	
A34G	-		150m	
A39G	D		125m	
A44G	-		125m	
A49G	E		75m	
A64G	-		75m	

Note: A24G & A34G and 3m roll widths are non-stock items in New Zealand and are only available on request. Different roll sizes available

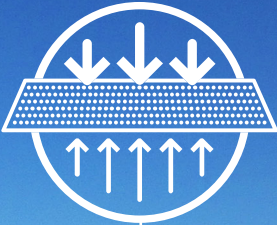
The three dimensional structure of the non-woven geotextile provides numerous flow paths



MAXIMISE RECYCLED MATERIALS USED WITHOUT LOWERING PROJECT QUALITY



Separates soft ground from fill material while preventing the migration of fines into the fill material.



SECTOR SPECIFIC DETAILS

	ROADS	• Provides filtration under the roads to assist in rapid removal of water to reduce long term damage and maintenance costs • Separates soft ground from fill material to prevent / control migration of fines into fill material
	RAIL	• Used to separate the capping layer from the subgrade, providing separation and filtration • Delivers both construction savings and life-cycle optimisation • Bespoke grades available due to the nature of rail aggregates and applied loads
	MINING	• Provides separation and filtration beneath haul roads, hardstand areas and rail formations • Delivers construction savings and optimises whole-of-life asset performance

ADDITIONAL BENEFITS OF WORKING WITH GEOFABRICS

REDUCED RISK	• 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
ENHANCED PERFORMANCE AND RELIABILITY	• Manufactured in Australia and installed to meet Australian specifications and conditions for over 35 years • The use and effectiveness in a large range of applications is supported by laboratory testing and ongoing field performance
COST BENEFITS	• Reduces the volume of quarried sand and rock required • Reduces construction times over swampy ground • Wider and longer rolls reduce waste with overlaps and savings on transportation costs
TECHNICAL EVALUATION AND INSTALLATION SUPPORT	• 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



TAKING PLASTIC BOTTLES OUT OF LANDFILL AND TURNING THEM INTO GEOTEXTILE LINERS



Bidim Green can be lighter than staple fibre geotextiles and achieve the same performance

30% lighter

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.

— FINANCIAL REVIEW BOSS —
MOST INNOVATIVE
COMPANIES

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



GEOFABRICS®
Sustainable solutions

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