



**AUSTRALIAN-MADE TO ACT
AS A WATERPROOF BARRIER**

ENDURASEAL® GREEN GEOCOMPOSITE LINER





Enduraseal Green geocomposite liner

Enduraseal® Green is a geocomposite liner designed for use in artificial turf sports fields to protect synthetic grass from subgrade moisture variations which can lead to differential settlement. Made in Australia, it consists of a polyethylene PE geomembrane liner between two layers of Bidim® Green non-woven geotextile. This composite geosynthetic layer helps to prevent damage by limiting deformation and puncturing potential from subgrade materials and aggregates such as granular stones, gravel and sand.

Why choose Enduraseal Green?

- Allows water to flow within the plane of the geocomposite, allowing the dissipation of pore water pressure
- Provides separation between the subgrade and the drainage aggregate layer, preventing the migration of subgrade materials into the layer above
- Acts as a barrier to prevent water from entering the synthetic grass from the subgrade, limiting moisture variations which can lead to differential settlement
- Limits damage to the waterproof membrane with Bidim Green non-woven geotextile which acts as a cushioning layer
- Easy to install using a glue laminating system which is available from Geofabrics that does not require on-site specialist skills or expertise

Sustainability with Enduraseal Green

Our Enduraseal Green range is made from a combination of recycled and virgin 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).

ENDURASEAL GREEN RANGE

Enduraseal Green Grade	Membrane Thickness	Width	Length
ES250GNFA24X2	250µm	3.5m	50m
ES500GNFA24X2	500µm	4m	50m

Note: Customised products can be made upon request with Bidim Green geotextile laminated on one side only and/or using different grades

SECTOR SPECIFIC DETAILS

	SPORTS & RECREATION	<ul style="list-style-type: none"> Protects synthetic grass from subgrade moisture variations which can lead to differential settlement
	ROADS	<ul style="list-style-type: none"> Limits deformation and puncturing potential from subgrade materials such as stones, gravel and sand Provides a waterproof barrier to prevent water ingress into the pavement subgrade Separates different types of soil/fill materials to prevent and control migration of fine particles
	RAIL	<ul style="list-style-type: none"> Provides a waterproof barrier to prevent water ingress into the formation capping layer Bespoke grades available due to the nature of rail aggregate applied loads
	WASTE	<ul style="list-style-type: none"> Can be used as a capping layer over contaminated material

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 Enduraseal 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 5 years The use and effectiveness in a large range of applications is supported by laboratory testing and ongoing field performance
COST BENEFITS	<ul style="list-style-type: none"> 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	<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



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