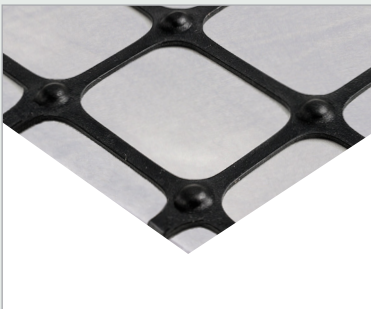




GEOGRID GEOCOMPOSITE ENGINEERED FOR STABILISATION, SEPARATION AND FILTRATION

GEOFABRICS GEOGRID BITEX GEOCOMPOSITE



Improves
pavement strength on
soft subgrades

Geofabrics® Geogrid™ Bitex® is a high-performance geocomposite engineered for strength, stability and long-term pavement performance. Combining Australian-made Bidim Green non-woven geotextile with Geogrid Biaxial, this system delivers exceptional separation, filtration and stabilisation in one solution.

Designed for use in road and rail applications where high-water levels, soft subgrade soils or poor-quality aggregates are present, Geogrid Bitex geocomposite provides superior structural performance, reduced construction costs and extended pavement life.

BENEFITS OF GEOGRID BITEX GEOCOMPOSITE

- Separation, filtration and interlock in one product delivers multiple geotechnical functions simultaneously, improving installation efficiency and performance
- Superior structural strength - forms a stiff Mechanically Stabilised Layer (MSL) that enhances load distribution, controls differential settlement and increases bearing capacity
- Cost-efficient construction due to reduced aggregate thickness, less excavation and faster installation for more economical project outcomes
- Enhanced drainage performance as it maintains permeability and allows efficient water flow, preventing pore pressure build-up and preserving pavement integrity



- Long-term durability by prevention of soils mixing and restriction of fine particle migration
- Sustainable design - incorporates locally manufactured non-woven geotextile layer made from recycled PET and virgin materials, supporting environmentally responsible construction

INSTALLING GEOGRID BITEX GEOCOMPOSITE

Geogrid Bitex geocomposite is simple to handle and install on site, it can be rolled out directly over subgrade after removal of protrusions. The speed of installation and reduction in aggregate required can result in significant time and cost savings.

APPLICATIONS

- Ground & Pavement Stabilisation
- Asphalt Sealing & Reinforcement

FUNCTIONS

- Filtration
- Separation
- Stabilisation

Filters
water for improved drainage

Separates
layers to prevent soil mixing

Stabilises
soft and variable ground

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



GEOFABRICS[®]
Sustainable solutions

