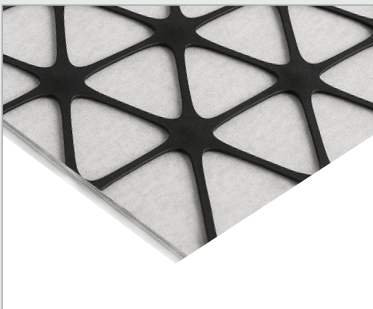




# GEOGRID GEOCOMPOSITE ENGINEERED FOR HIGH-STRENGTH PAVEMENT STABILISATION

## GEOFABRICS GEOGRID TRITEX GEOCOMPOSITE



Geofabrics® Geogrid™ Tritex™ is a high-performance, geocomposite incorporating a multi-axial geogrid engineered for soil stabilisation and ground improvement with Australian-made Bidim Green non-woven geotextile. Geogrid Tritex geocomposite delivers exceptional separation, filtration and stabilisation in one solution for road, rail and heavy-duty pavement applications.

The geogrid is made from a punched polypropylene sheet that forms a unique hexagonal structure with triangular apertures, which confine and interlock with aggregate. This interlocking mechanism creates a Mechanically Stabilised Layer (MSL) that improves load distribution, increases bearing capacity, and enhances pavement performance on soft or variable ground conditions.

### **BENEFITS OF GEOGRID TRITEX GEOCOMPOSITE**

- Reduces aggregate layer thickness by up to 50% without compromising performance, lowering excavation and fill costs
- Improves bearing capacity and stabilises ballast layers on rail projects, minimising track movement and maintenance requirements
- 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

**Stabilises**  
soil and ballast for  
lasting pavements

**GEOFABRICS®**  
Sustainable solutions



- 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 TRITEX GEOCOMPOSITE

Geogrid Tritex geocomposite is relatively simple to handle and install on site, providing an efficient solution for stabilising soil and improving ground condition with drainage and filtration capabilities. It can be rolled out directly over subgrade after removal of protrusions.

### APPLICATIONS

- Ground & Pavement Stabilisation
- Asphalt Sealing & Reinforcement
- Track ballast Stabilisation

### 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**<sup>®</sup>  
Sustainable solutions