



# GEOGRIDS DESIGNED TO ENHANCE SOIL STABILISATION AND PAVEMENT PERFORMANCE

## GEOFABRICS GEOGRID TRIAXIAL



Geofabrics® Geogrid™ Triaxial is a high-performance, multi-axial geogrid engineered for soil stabilisation and ground improvement in road, rail and heavy-duty pavement applications.

Made from a punched polypropylene sheet, it forms a unique hexagonal structure with triangular apertures that 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 TRIAXIAL

- 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
- Enhances layer stiffness to allow the use of lower-quality or recycled fill materials, reducing material costs
- Cuts CO<sub>2</sub> emissions by reducing excavation, transport and aggregate use during construction
- Increases pavement durability by spreading heavy loads and reducing differential settlement
- Speeds up installation, offering a fast, cost-effective stabilisation solution for roads, working platforms and heavy-vehicle pavements

**Improves**  
**load distribution**

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Sustainable solutions



## INSTALLING GEOGRID TRIAXIAL

Geogrid Triaxial is simple to handle and install on site, providing an efficient solution for stabilising soil and improving ground condition for heavy-duty pavement. It can be rolled out directly over subgrade after removal of protrusions such as rocks and tree stumps.

## APPLICATIONS

- Ground & Pavement Stabilisation
- Track Ballast Stabilisation

## FUNCTION

- Stabilisation



**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)



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