



# GRT:9000 POLYMER SOIL STABILISATION

## Stabilised soil. Stronger surfaces.

GRT's most advanced polymer soil stabilisation product GRT9000, is developed for use in the construction of high-quality and cost-effective pavement applications.

GRT9000 is available as a clear or opaque polymer. Both varieties are high performing stabilisation agents that work by physically and chemically bonding soil or pavement particles – leading to improved compressive strengths, high tensile resilience and water impermeability.

Inadequate pavements (due to pavement life or increased traffic volumes) can result in considerable, detrimental effects for the triple bottom line. Dust, potholes, rutting, corrugation and other surface degradation caused by heavy traffic or extreme weather can cause serious harm to people, the planet and profit.

GRT9000 polymer soil stabilisation helps alleviate these environmental, social and financial concerns. Using in-situ or imported materials, GRT9000 is used to create a hard, semi-flexible and water impermeable pavement. Mitigating against pavement and surface degradation, GRT9000 is designed to treat:

- Haul roads
- Rural and farming roads
- Service roads and hardstands
- Base and sub-base layers of major public roads and infrastructure

GRT9000 polymer soil stabilised pavements display high bearing and tensile resistance. They pose a cost effective alternative to traditional bound pavements such as asphalt and concrete, with **savings of 50-70%** for laid pavements. This polymer treated pavement can be used in the design and construction of:

- Haul roads
- Rural and farming roads
- Service roads and hardstands
- Base and sub-base layers of major public roads and infrastructure

Independently verified environmentally sustainable, GRT9000 can also be used to improve the performance of traditional cementitious stabilising agents - reducing the quantity of cement or lime required in pavement designs or replacing them completely.

Compared to conventional roads, GRT9000 polymer soil stabilisation drastically reduces material and haulage costs, construction time and your project's carbon footprint (especially in remote areas) - making GRT9000 roads greener, cheaper and longer lasting.



## Fast Facts

GRT9000 offers:

- **Efficient construction with a skilled crew laying 6000m<sup>2</sup> a day**
- **High strength with polymer treated materials reducing pavement thicknesses by 70%**
- **Immediate cost benefits from construction and materials efficiency**
- **Long term cost benefits from lower maintenance and repairs**
- **Environmental protection - GRT products are non-toxic, have a low carbon footprint and use in-situ materials**
- **Superior safety with strong, flexible, dust free roads that provide non slip, waterproof surfaces in most extreme environments**



## Quality assured

GRT9000 Polymer Soil Stabilisation is manufactured to ISO9001 standards and has been comprehensively reviewed by leading independent testing institutions and major companies worldwide.