



# GRT:7000 POLYMER SEALANT (ENVIRONMENTAL)

## Naturally sustainable roads

A specially formulated liquid polymer, GRT7000 dries clear and is environmentally friendly. Engineered for use in civil construction, it can act as a clear polymer sealant as well as a high performing stabilisation agent.

### GRT:7000 (D) POLYMER SEALING:

Polymer sealing with GRT7000 works differently. With each application an accumulating number of silty dust particles are bound together, preventing them from becoming airborne. Due to the cumulative residual nature of the product, over time the rate of application of GRT7000 reduces, becoming more economical each year. After initial works, maintenance applications are required only once every 12 to 16 weeks, depending on traffic loading.

Simply sprayed from a water truck, GRT7000:

- Eliminates dust and its impacts (visibility, health, surrounding areas)
- Improves skid resistance and decreases rolling resistance
- Creates a stable, waterproof surface that prevents corrugation and potholing
- Achieves costs savings of 30–40% (independently verified by Deloitte)

Cost savings are achieved with the removal of daily watering and grading, less wear and tear on vehicles, improved haul times and elimination of downtime caused by wet weather.

### GRT:7000 (S) SOIL STABILISATION:

As well as a clear, environmentally safe and aesthetically pleasing polymer seal, GRT7000 is also a highly effective polymer soil stabilisation agent. Used on its own or in conjunction with traditional soil stabilisation agents, it achieves extremely high UCS results with relatively low dosage rates. Testing with as little as 0.7% by mass has seen results over +6MPa achieved.

GRT7000 works by physically and chemically bonding soil or pavement particles. This leads to improved compressive strengths, high tensile resilience and water impermeability.

### APPLICATIONS:

The key areas of use for GRT7000 as a polymer seal and/or stabilisation agent include:

- New construction – subgrade, sub base and base improver
- Sealing or stabilising – temporary access tracks and haul roads, lease pads, runways, hardstand/laydown areas and temporary landing areas
- Pavement recycling – in-situ treatment



## Fast Facts

Compared to conventional constructional processes, GRT7000 offers:

- Superior dust control and soil stabilisation
- Immediate cost benefits through the simplistic application process
- Long term cost benefits with fewer applications, dust and subsidence issues
- Environmental protection – GRT products are non toxic, have a low carbon footprint and reduce erosion and environmental impacts
- Improved safety with better visibility and less surface issues for road users



## Quality assured

GRT7000 Polymer Sealant (Environmental) is manufactured to ISO9001 standards and comprehensively reviewed by leading independent testing institutions worldwide.