



GRT5000 Technical Data Sheet



Works with dust so you don't have to!

GRT5000 is an environmentally friendly, tough and durable polymer based dust control product. Designed to be sprayed on tracks and exposed open areas prone to dust generation and deterioration, the use of **GRT5000** will reduce dust generation to almost zero.

It can also be mixed into surfaces up to 100mm deep as a binding and toughening agent for track construction and/or upgrading.

Common applications are:

- ➔ Unsealed rural roads
- ➔ Farm roads and access tracks
- ➔ Environmental and stockpile management.

Application

| Application Type | Product Usage |
|--|--|
| No vehicular or foot traffic Single application lasts up to 6 months | Aim for 100mL of product per m ² . To achieve this, dilute 1-part product to 9-parts water and apply 1L of solution per m ² in 1 coat. |
| Light vehicles Initial application lasts 4 weeks | Aim for 200mL of product per m ² . To achieve this, dilute 1-part product to 9-parts water and apply 1L of solution per m ² in 1 coat. Follow-up applications only require 100mL of product per m ² . |
| Track Construction or Improvement | <ol style="list-style-type: none"> 1. Aim for 500mL of product per 50mm depth per m². 2. Mix the GRT5000 at a ration of 1:1 with water 3. Mix into the surface using a grader or rotator and then compact with a roller. 4. Surface Seal: Aim for 100mL of product per m². To achieve this, dilute 1-part product to 2 parts water and apply 1L of solution per m² in 1 coat. |

Handling & Storage

Handle in accordance with good industrial hygiene and safety practice (gloves and eye protection). After long storage, slight quantities of carbon monoxide may be formed. Avoid storing in direct sunlight. Protect from temperatures below: 5C and above 60C.

Helpful and Handy Hints

- ➔ GRT5000 performs better when applied on dry surfaces rather than moist ground.
- ➔ Applying product in dry and warm conditions will quicken the drying process to minimise service interruptions
- ➔ Remember to flush out all hoses and pumps with water to prevent product build-up.
- ➔ Apply the product via gravity or use diaphragm pumps to spray the product.
- ➔ GRT can supply polymer friendly diaphragm pumps.

KEY BENEFITS

- **Ideal for seasonal and short-term applications**
- **Easy application** through existing water trucks - just add water
- **Robust product characteristics** allow it to be applied across a diverse range of industries
- **Immediate cost benefits** compared to continually watering
- **Long-term cost benefits** from reduced wind borne material loss
- **Improved health and safety on site** - better visibility and reduced dust related respiratory risks
- **Environmental protection** - GRT: 5000 is non-toxic, has a low carbon footprint and reduces the damage caused by fugitive dust.



Quality Assured

GRT's quality management system is certified to ISO 9001 standards, and our products are approved and used by Industry leading companies, worldwide.



To find out more:
<https://www.pggwrightson.co.nz/>
 E info@globalroadtechnology.com
www.globalroadtechnology.com

