

Dust Suppression Application – Sundown Road

QGC Off plot roads have started to spray the Global Road Technology GRT7000 product to control dust and minimise maintenance on Sundown Rd. The product is approved for use on WDRC roads under permit conditions.

The GRT7000 is a dust suppressant product and is not a pavement stabilisation agent. The application is a short term solution to reduce/eliminate dust issues and provides a reduction in maintenance. The application is expected to last approximately 6-8 weeks before reapplication is required. Some roads i.e. Gospers Rd have experienced product integrity up to 12 weeks.

The application of GRT 7000 dust suppression has significantly reduced costs and improved the effectiveness of dust control and maintenance costs for QGC on WDRC unsealed roads. Traffic control is in place during application with one lane closed; speed is restricted to 40km/hr to one way traffic on the open lane.

GRT 7000 is fast curing that is traffic-able almost immediately after application, when applied GRT 7000 product appears white in colour and once cured it appears clear and most cases reduces dust by up to 98%. If residue of GRT 7000 is found on trucks or equipment after driving through an application, Diesel can effectively remove the product from the vehicle.

Note: Pictures taken from Gospers Rd for pictorial purposes only.



1. GRT7000 uses the in-situ material and increases traction once applied even in wet conditions.
2. Dries clear
3. Designed to effectively treat fugitive dust on construction, forest, oil, gas, mine and other haulage roads.
4. GRT7000 is environmentally and user friendly, and does not require expensive application equipment – it can be applied using a standard water truck
5. Quick application without road closures
6. Effective on roads built with poor or loose aggregates and can be used on coarse textured road aggregates lacking sufficient fines
7. Very effective on roads that receive excessive "blown-on" or "tracked-on" dust or spillage from dump trucks or mine hauling equipment Used to effectively control dust throughout the dry season
8. Easy cleanup and can be removed using Diesel from vehicles.

The Benefits of using GRT 7000 Environmentally friendly Dust Suppression Products:

<u>Reduce</u>	<u>Increase</u>
Environmental Impact	Safety
Dust and Erosion Levels	Production and Revenue
Water and Natural Resources	Truck Utilization
Truck and Equipment Maintenance	Strut & Steering Component life
Wet Weather Stand-downs	Material Density and Strength (CBR)
Fuel Usage	Environment Sustainability
Landowner Complaints	

