



RDC - Road Dust Control

Instant Dust Suppression



WHERE SCIENCE



MEETS THE EARTH



Roads treated with RDC are dust free from the date of installation and therefore present immediate short and long term benefits to the environment and the communities using them.

When RDC is used as part of a regular maintenance regime it contributes to fines maintenance preservation by extending intervals between both gravel replacement and grader blading.

RDC keeps fines in the pavement by drawing in moisture from the atmosphere, keeping the pavement damp, well compacted and ultimately keeps good roads good.

PRODUCT BENEFITS

Typically applied with a watercart. Instant, inexpensive and non-corrosive.

Gravel Lock is the innovator and manufacturer of RDC a specifically formulated blend of naturally occurring brines blended with proprietary additives.

RDC is a short term, hygroscopic dust suppression system that can be used in multiple civil applications.

RDC is used as a short term dust control system which is easily applied to the road surface by watercart or hand held spray unit.

RDC delivers a solution for instant dust suppression where businesses or communities (rate payers) are being affected by air borne dust.

RDC provides road users a safer, smoother driving surface, improved air and water quality, better visibility, cleaner vehicles, property and vegetation, better health and enhanced living conditions with the added benefit of reducing public complaints.





RDC Road Dust control



Unsealed Roads



Haul Roads



Container Sites / yards

FAST FACTS



Industries where RDC can be used for treating airborne dust:

- Rural roading – dusty gravel roads
- Haul Roads - Forestry, Mining, Construction Sites & Agriculture
- Mining Applications
- Commercial Yards
- Highway Construction
- Equestrian Arenas

RDC is typically applied by water cart.

Recommended application rate is 2ltrs per sqm for the initial treatment with a top up of 1ltr per sqm if required (rising dust or extreme weather).

Pre-shaping the road and using a roller on site to follow behind the water cart will give your treatment longevity and a smooth finish but is not generally required.

*** (application methodologies available on request)

The Facts

RDC is a non-corrosive, inexpensive, instantaneous hygroscopic dust suppression system which draws moisture from the ambient atmosphere. RDC binds the small soil particles around large soil particles keeping fines in the road where they belong. RDC increases the strength of road material under dry conditions by keeping the material well bound over the dusty summer season and reducing particulate matter to well within PM10 standards.

Features and Benefits

- RDC is environmentally safe non corrosive dust suppression product that helps save resources such as water, aggregate replacement, machinery running costs, labour, administration time and public health issues
- Locking down dust for extended periods with RDC affords communities who live on rural unsealed roads a healthier and safer living environment which in turn saves the Local Authorities and Councils resources, time and funding
- Application is rapid and the results are instant – no dust!
- RDC can be diluted to lower the frequency of watering for dust control, saving precious resources
- Treated roads can be maintained by a light maintenance grade and compaction with limited or no effect on performance.
- Easy installation with a purpose built water truck or tractor spray unit, minimising the need for costly construction equipment.
- Used within maintenance cycles it has the benefit of keeping the pavement close to the Optimum Water Content which allows compaction from vehicles.
- The use of RDC improves the running surface of treated roads, by reducing rolling resistance and maintaining surface integrity.
- Generally 1 treatment per season; first application at start of the summer season. Rejuvenation is usually 50% of initial application rate if and when rising dust becomes an issue.

Disclaimer, The data presented is in accordance with the present state of our knowledge, but does not absolve the user from carefully checking all test results by conducting their own trials. We reserve the right to alter product constants within the scope of technical progress or new developments. Any recommendations made in our literature should be checked by preliminary trials because of conditions during application over which we have no control, especially where raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the products for a particular

