

RoadTac Dust Control

for the Mining & Aggregate Industry



Fugitive dust control is an ongoing challenge for the mining and aggregate industry to meet and achieve air quality laws and maintain a healthy and safe work environment. With ever increasing rules and fines set in place by county and state regulations, fugitive dust control has become a priority for the daily operations of an aggregate plant. RoadTac offers a reliable and economical solution to this problem.

RoadTac is an acrylic co-polymer emulsion with added cohesive agents. Designed as a premium eco-friendly soil binder, RoadTac will hold down the dust and resist weatherability. RoadTac does not contain any materials that are detrimental to the people and the environment, allowing for worry-free application. After application, RoadTac will penetrate to lower substrates and will bind the particles together forming heavier solids that will quickly settle back to the surface, controlling fugitive dust.

As dust control measures require planning, on-site visits, implementation and maintenance, partner with a proven company that is dedicated to both your business and the environment.

- ▶ Haul Roads
- ▶ Mining Sites
- ▶ Driveways
- ▶ Stock Piles
- ▶ Parking Lots
- ▶ Vacant Lots
- ▶ Unpaved Roads
- ▶ Soil Stabilization
- ▶ Construction Sites
- ▶ Mine Tailing Ponds

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Dust Control Planning > Return on Investment > Product Selection & Application > Long Term Goals

ROADTAC APPLICATION INSTRUCTIONS

As with all dust suppressants, application rates and methods depend upon the site, environment, soil type, and more. Prior to application, the area to be treated must be entirely free from water (not including pre-wetting) and must be free from rain or nuisance water for a minimum of 72 hours following application.

1. Surface Preparation

For best results, smooth, grade & compact the treatment area to a minimum of 95%. If the treatment area is bare soil or clay, loosen the top 1 or 2 inches of soil and then compact prior to treatment.

2. Pre-Wetting

Pre-wet the surface area with water at a rate of 1 gallon to every 100 square feet. This will lower the surface tension of the fines, allowing for deeper penetration.

3. Dilution

Dilute RoadTac at the below recommended rates into a water truck. No mixing is necessary. Dilution rates will vary based on soil type and penetration depth and soil moisture content.

4. Application

Apply RoadTac in 3-4 passes. Do not let the application area dry between coats.

5. Curing

For best results, compact the treated area after optimum penetration has been reached. Cure time is approximately 24-72 hours @ 70 degrees Fahrenheit.

6. Long-Term Maintenance

Visual inspection of treated area will indicate when maintenance is due (i.e. potholes, ripples and rutting).

Application Type	Gallons / Acre	Dilution Rate
<i>High Traffic Roads</i>	450-800	20:1
<i>Light Traffic Roads</i>	180-400	25:1
<i>Parking Lots</i>	180-300	30:1
<i>Temporary Parking Lot</i>	300	10:1
<i>Walking Trails & Paths</i>	130-300	20:1
<i>Slope Stabilization</i>	180-300	8:1
<i>Stock Pile Capping</i>	40-80	14:1
<i>Dust Control (No Traffic) - 30 Days</i>	35-45	30:1
<i>Dust Control (No Traffic) - 90 Days</i>	30-60	30:1
<i>Dust Control (No Traffic) - 6 Months</i>	50-80	25:1
<i>Dust Control (No Traffic) - 12 Months</i>	70-100	25:1
<i>Dust Control (No Traffic) - 12-24 Months</i>	100-210	20:1

Contact your TAG representative for site specific application rates and instructions.



ADDITIONAL MINING & AGGREGATE SERVICES

Call on TAG for these services especially valuable to the mining and aggregate industry:

- ▶ Dust Suppressant Application
- ▶ Water Clarification - Liquid/Solid Separation
- ▶ Erosion Control



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Call us today for a quote or project estimate...

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