

IntegraSeal



100% Natural Dust Control and Soil Stabilization

IntegraSeal is a cost-effective and environmentally friendly dust & erosion control composition that can be applied onto a variety of soil or gravel surfaces to control dust as well as to compact and stabilize the top or base surface. Unlike most other chemical dust control and soil stabilization products, IntegraSeal is 100% organic, biodegradable, and causes neither toxic leaching nor adversely affects vegetation, aquatic life or other living organisms. IntegraSeal can be custom formulated depending on the customer application to provide for a precise and cost-effective solution.

Whether you maintain unpaved roadways, shoulders, trails, construction sites, stockpiles, heavy traffic roads, mining sites, airports, ports, military facilities including landing zones for aircraft and helicopters, IntegraSeal can solve your most stubborn dust control and soil stabilization needs.

IntegraSeal has rapidly become the natural, environmentally safe alternative to Calcium Chloride, Magnesium Chloride and Polymers. IntegraSeal does not deposit toxic residues in soils which is highly advantageous compared to waste petroleum oil based compositions, or latex products commonly used in dust control.

Benefits

- Excellent dust control at low cost
- Soil erosion prevention
- Ideal soil stabilization solution when paving is too expensive
- Fast application and immediate results
- 100% natural, Eco- friendly
- Reduces Potholing, Washboarding and Frost Heaving
- Lasting Effects



Leading the way since 1999, Resperion is a global pioneer in the creation and development of innovative technologies and solutions for the road construction industry. Resperion manufactures the only asphalt modifier which so dramatically increases the structural capacity of asphalt that it is possible to reduce the thickness of base and binder courses and lower initial construction costs. Resperion also manufactures environmentally-friendly products for dust control, soil stabilization, and cost-effective paving alternatives.

IntegraSeal – Control Dust the Natural Way

IntegraSeal - The Technology

IntegraSeal penetrates the surface and adheres to the dust and soil particles using an action similar to capillary action. The binding agents follow the water and as the water evaporates and flashes, the binder agents provide cohesion to the soil and the dust particles, preventing fugitive dust and erosion. IntegraSeal is sold in a concentrated form that is diluted with water prior to application. IntegraSeal is best applied with a spray arm attached to a tanker truck to ensure a consistent application of the product, however, IntegraSeal may also be applied by hand, plane or helicopter.

Environmentally Safe

As worldwide trends are continuing towards strict health and environmental regulations, IntegraSeal provides a green solution to reduce dust-related environmental and health concerns. Many of today's dust control products contain carcinogenic petroleum oils, compounds that can be corrosive to metals and equipment or soluble anions that can be harmful to aquatic life, vegetation and living organisms. IntegraSeal is comprised of 100% organic products – making it biodegradable, non-corrosive, and safe for all living organisms and the environment. We believe only 100% organic solutions, like IntegraSeal, should be used to solve our world's growing dust problem.

Usage Guidelines

IntegraSeal is sold in a concentrated form that is diluted with water prior to application. Water dilution ratios can vary depending on the application, but typical dilution is about 1 part IntegraSeal to 1 part water. Factors that can affect the dilution ratios are soil type, traffic flow and other environmental factors. Our engineers can recommend the appropriate concentration given your specific project. IntegraSeal is best applied with a spray arm attached to a tanker truck to ensure a consistent application of the product. When applied to a gravel road, it is typically recommended that the road first be scarified, and the loose gravel should be well graded. One application normally lasts an entire season, resulting in reduced blading and decreased aggregate loss.

Applications

- Can be used on any unpaved road surface
- Construction, industrial, service, access and rural roads
- Ports and Airports, both onsite and adjacent areas
- Military installations
- Parking & storage lots
- Gravel pits
- Mine sites
- Drill Sites
- Landfill

Industries Served

- Agriculture/Wineries
- Airports
- Automobile Shredders
- Coal Sales and Brokers
- Construction
- Container Storage
- Equestrian
- Feed & Grain
- Iron & Steel
- Landfills
- Marine/Ports/Piers
- Military
- Municipal/Government agencies
- Quarries & Mines
- Railroads/Mass Transit
- Recreational
- Trucklines/Terminals
- Utilities/Power Plants



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