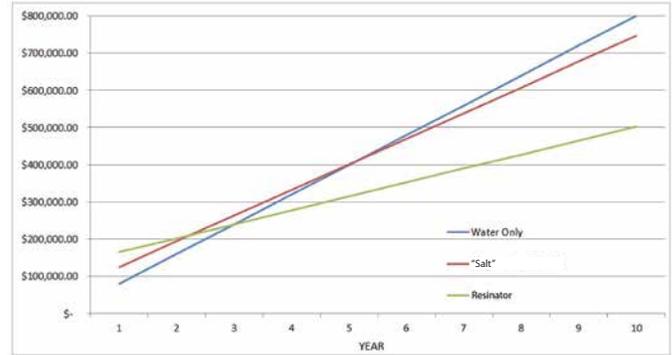


RESINATOR VS. "SALT" Performance Comparison

To compare the superior dust suppression characteristics of Resinator to those of Magnesium Chloride and Calcium Chloride, a field test was conducted on four sections of an unpaved road. One portion of the road was treated with Resinator, another with Magnesium Chloride, another with Calcium Chloride, and the last section was left untreated.

R.O.I. CHART



	Untreated Road	MgCl Treated Road	CaCl Treated Road	Resinator
Average Emissions (mg/m3)	0.04875	0.0144	0.0190	0.0073
Frequency of Emissions	100%	60%	64%	10%
Magnitude Reduction	N/A	Factor of 3	Factor of 2	Factor of 6
Dust Control Efficiency	N/A	70%	65%	85%

Product Comparison:

"Salt" (Magnesium Chloride or Calcium Chloride)

- Corrosive, erodes brakes, causes rust and oxidation on metal, and reduces the life of equipment.
- Requires high humidity in order to reduce dust emissions.
- Causes slippery surfaces after heavy rains and in wet areas, reducing traction and creating a safety hazard.
- Destructive to sub base 6" - 8" below grade, destabilizing the foundation of the driving surface.
- Not an engineered product, 100 year old technology that must be reapplied at the same high rates in an undiluted form year after year.
- Lack of binding properties fail to bind carryover into the road base.
- Chlorides build up in the soil over time exceeding established limits and creating a toxic environment for plant life.
- Provides little to no benefit with soil retention on watered roads or roads that receive rain so sediment that washes off the roads into ditches and sumps must continually be cleaned out and hauled off.
- Water soluble, leaches away from the road surface, impacting vegetation and water.

Resinator

- Non-corrosive.
- Performance is not challenged by lack of humidity. Reduces dust emissions in high and low humidity environments.
- Waterproof resin is unaffected by heavy rains, continuing to bind the surface together improving stability and driving conditions.
- Protects the sub base by producing a stronger, more resilient driving surface, extending the life of the road.
- Engineered, patented technology designed for water dilution, high coverage rates, and a reduction in usage with each year of subsequent application creating a return on investment around years 2 through 3, typically. See the ROI chart above.
- Continually binds carryover to the road base, reducing the need for watering.
- Non-toxic to plant life, used successfully in reseeded applications to aid in germination, soil retention, and seed placement.
- Provides excellent soil retention on watered roads and roads that receive rain, reducing and often eliminating the need for sump cleanouts.
- Resistant to precipitation induced leaching.