

Aggregate enhanced with Liquidow™, a sure bet for road building and repair

When Liquidow™ (calcium chloride) is used as an additive in aggregate, it provides many benefits for road building and repair. It is also very versatile product with many other applications. Some user groups see it as a product for dust control. Other groups use it for frost protection and deicing. Others use it for landscaping and mining operations while other organizations use it for food preparation.

You get what you pay for

Ask a road contractor what use he has for the product, and he will extoll the many benefits of Liquidow™ calcium chloride. Adding calcium chloride to aggregate provides a kind of insurance policy that helps ensure the road is stronger and more stable. Treated aggregate outlives untreated aggregate roads by twice the lifetime. It is a sure bet for road building and repair.

Road contractors know, "You get what you pay for," so they are willing to pay a little more up front to eliminate problems in the future. But, the ROI is quick. Look at this hypothesis: If the cost of adding Liquidow™ is \$2,000 for a mile of road, the money savings by reducing the road thickness is \$3,000 per mile, resulting in a net savings of \$1,000. How can this happen? An enhanced surface layer does not have to be as thick as road that is untreated. The savings come with a reduction of materials. In addition to this, time and labor are saved, which were not included in this hypothesis.

Benefits of using Liquidow™ Calcium Chloride

Here are some other benefits contractors realize when they add calcium chloride to their aggregate:

- Calcium chloride makes the aggregate set up faster, cutting setting time in half.
- With Liquidow™, contractors can lay a thinner road base without sacrificing quality, thereby saving on payroll and product.
- The bearing strength of the road is increased.
- Treated aggregate will decrease the size and number of voids as time passes because there is less room for water to accumulate.
- It will provide frost heave protection.
- It gives contractors the ability to pave enhanced aggregate stabilized road bases at any time or delay paving for another season or a year, depending on the agency's needs.
- Enhanced aggregate historically has minimal loss of base and subbase material.
- It allows contractors to treat more miles of roads for the same cost.

Liquidow™ calcium chloride can be used with all common aggregates. It is a sure bet for road construction and repair, providing its users with stronger, longer lasting roads.

Smaller work forces and less available money earmark today's times due to the Corona Virus. The tremendous cost savings, however, provide a means to keep building roads and moving forward despite the pandemic.

If your company is interested in learning more about this product, please contact Sicalco for more information.

References

[The Calcium Chloride Communicator](#)

[Internal Sicalco Documents](#)