

Dust and Erosion Control using Enviroseal LDC™



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Enviroseal



What is Enviroseal LDC™?

Enviroseal Liquid Dust Control (LDC™) is an economical liquid copolymer concentrate that is diluted with water and binds soil particles together to prevent Dust and Erosion. LDC™ performs on all types of soils including sand, gravel, silt, clays, and others.

Topical application is simple and cost effective. LDC™ permeates the surface and binds the soil which reduces wind and rain erosion, rutting, and wash boarding.

LDC™ is environmentally friendly Non-Toxic and Non-Corrosive

Water Erosion

Water erosion is the detachment and removal of soil material by water. The process may be natural or accelerated by human activity. The rate of erosion may be very slow to very rapid, depending on the soil, the local landscape, and weather conditions.

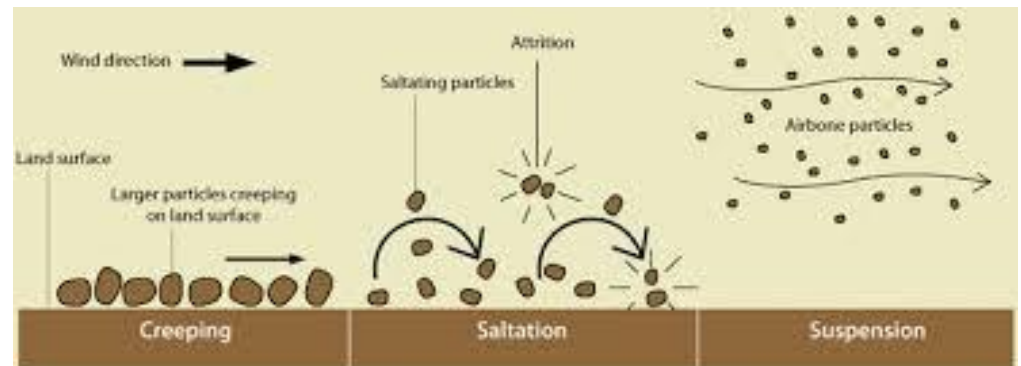
Water erosion wears away the earth's surface. Sheet erosion is the more-or-less uniform removal of soil from the surface. Rill and gully erosion occurs when concentrated runoff cuts conspicuous channels into the soil.

Deposition of the sediment removed by erosion is likely in any area where the velocity of running water is reduced—behind plants, litter, and rocks; in places where slope is reduced; or in streams, lakes, and reservoirs.



Wind Erosion

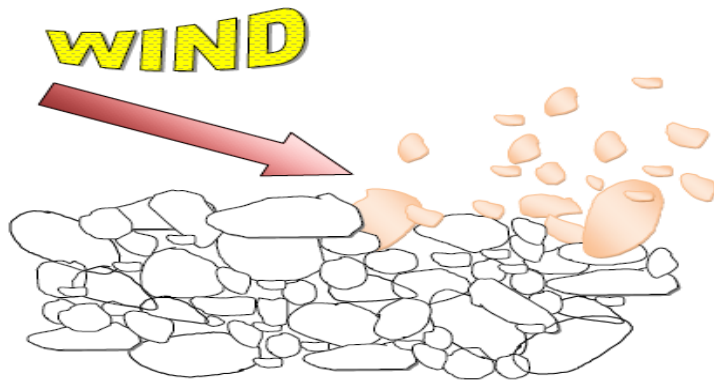
Wind erosion is a natural process that moves soil from one location to another by wind power that can cause significant economic and environmental damage. Wind erosion can be caused by a light wind that rolls soil particles along the surface to a strong wind that lifts a large volume of soil particles into the air to create dust storms.



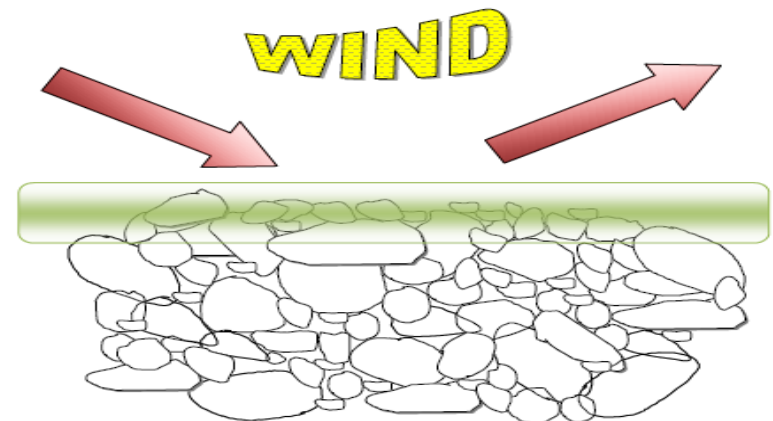
Erosion Control Using LDC™

Soil Erosion is the natural process of weathering and movement of soil and it usually occurs from water or wind. The rate of erosion depends on many factors that include the amount and intensity of rain and wind speed. Water erosion is the impact of rain as it breaks apart soil particles and wind erosion can move soil particles several feet or thousands of miles across oceans.

To effectively treat erosion, a topical application of LDC™ will form an in-situ barrier to prevent water erosion and windblown dust.



Untreated Soil



Soil treated with LDC™

LDC™ Prevents Erosion on Slopes and Stockpiles



LDC™ is best applied 16 to 32 fluid ounces per square yard (0.5 to 1 liter/M²) mixed with 3 to 7 parts water and spray applied uniformly.

The slope angle, surface texture, soil particle size, plasticity, density, and in-situ moisture will factor actual amounts used. A uniform application depth of 10 to 15 mm will yield optimum results.

LDC™ can be pigmented Green or Black for aesthetics

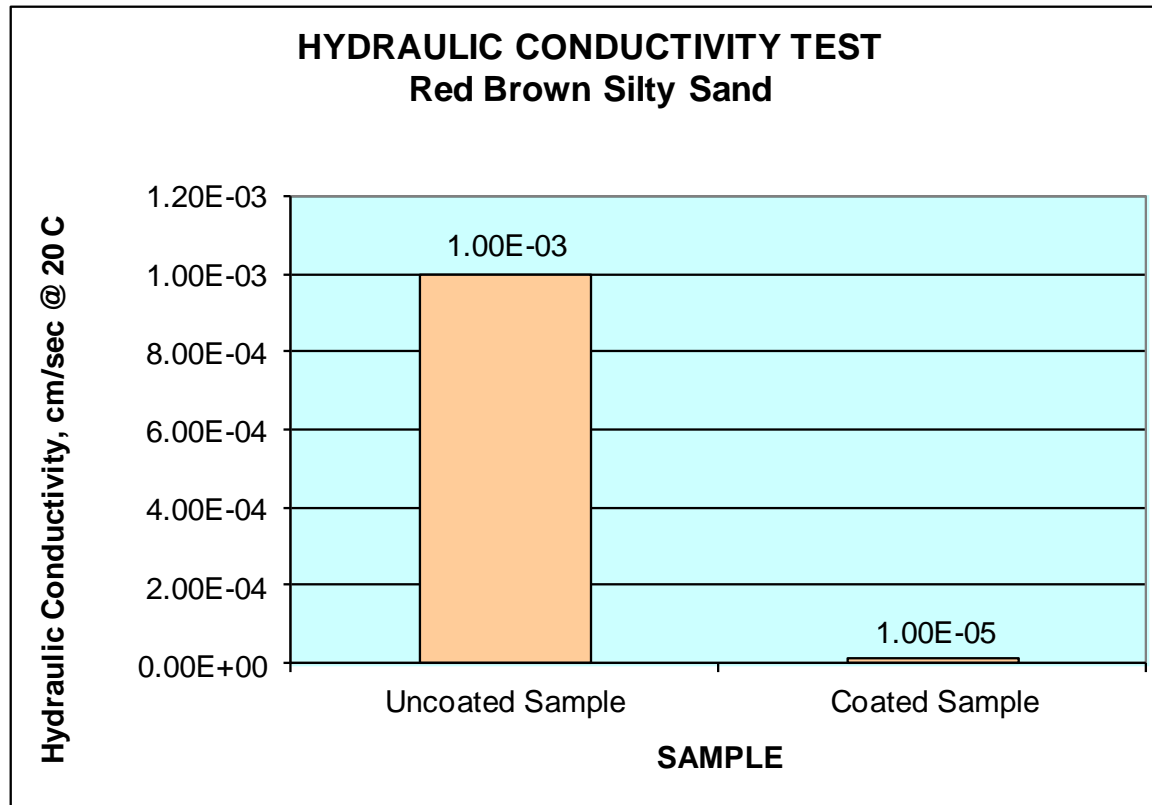
Applying LDC™ for Dust Control on Roads



LDC™ is best applied with a pressurized water truck at 0.05 to 0.25 gallons/Yd² in 2 or more passes. For best results, lightly static compact the treated area before drying. Treated areas can be opened to traffic immediately after application. Reapplication is and the frequency will depend on soil conditions, amount and type of traffic, dosage rates, weather, site conditions, and other factors.

Soil Permeability Treated with LDC™

Reduction of Permeability on Plain soil



**LDC™ Topically Applied on Soil at 250 ml/M²
Can Decrease Permeability by 10,000%**

LDC™ Applications



Pigmented Green

Slope
Erosion



US Military world wide

LDC™ Packaging

Enviroseal is committed to supplying our products at the best available pricing. We ship concentrated LDC™ packaged in totes or bulk tank truck right to the jobsite.



275 or 330
Gallon IBC Tote



5,000-Gallon
Bulk Truck
(USA/Canada Only)

Enviroseal Customer Service

Enviroseal has a high degree of customer service and is committed to recognizing our customer's needs. Our services include custom blending, transportation, delivery, and on-site technical advice. For over twenty-five years, Enviroseal has been a pioneer in chemical soil stabilization and is recognized as a world leader within the industry.

For installations around the corner or around the globe, each customer receives the best product, the best pricing, and the highest level of customer service.



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