

# White Paper

DirtGlue® Polymer



## Product Description

*DirtGlue® polymer is a water-based acrylic formulation specifically for soil stabilization. Soil stabilization can be defined broadly as wind and water erosion control prevention.*

*DirtGlue® polymer functions by **bonding the individual soil particles together** in the top 1/4" of soil to prevent them from moving.*

*When properly diluted with water and spray applied to the surface it dries and hardens after a short period of time and the crust that is created will prevent windborne dust and waterborne erosion.*

*For erosion control, DirtGlue® polymer emulsions can be used for all types of soil stabilization needs:*

- Erosion control for embankment stabilization.*
- Capping stockpiles.*
- Controlling sediment to eliminate TSS in Storm Water run-off.*
- Dust control in non-trafficked areas.*
- For Storm Water Management (SWPPPs) the proper use of DirtGlue® should be considered BMP.*

*DirtGlue® Polymer can also be used to create a superior strength **bonded fiber matrix** by applying DirtGlue® with any fiber type (straw, wood fiber, paper fiber, gypsum, etc) and it works well to **"glue" mulch to extremely steep embankments.***

## *Expectations:*

*For a year or more of stabilization from both wind and water erosion control 300 gallons of DirtGlue® polymer per acre diluted with 6 parts water is a good application.*

*Some requirements may be relatively short term so if the duration of stabilization is shorter you may back off on the application rate and increase the dilution ratio so that you have sufficient liquid to evenly cover an acre as we discussed.*

*This application will form a crust that will be damaged by traffic and should be touched up when it becomes damaged.*

*In areas that will receive regular or heavy traffic, we would recommend DustLess™, a separate DirtGlue® product. Download the DustLess™ whitepaper for details on that product.*

*In surface spray applications typical to wind and water erosion control, traffic would break the crust over time and would require touch-ups where the crust became damaged.*

*Thus either an ongoing control program should be created or another product from DirtGlue® Enterprises, DustLess™ organic fluid could be specified.*

*All DirtGlue® Enterprises products are non-hazardous, non-toxic, and noncorrosive.*

*Standard packaging is 275 gallon IBC Plastic Totes.  
Samples may be obtained in smaller containers.*

Exclusive DirtGlue® Distributor for AK, WA State & Oregon  
Additional Territories: ID, MT, & ND  
Phone: (907) 562-5755 ~ Toll Free: (800) 490.5320  
Washington State Sales: 206.774.8777

