



Stabilized Soils for Hard Surface applications

TerraDry mix-in applications - using surface area in sq ft (depths as specified):

For base stabilization with high clay content (high plasticity soils): TerraDry would be mixed into the base at a rate of 0.033 gallon/sq ft per four inches of depth of base to be treated (amount may be adjusted depending upon percentage of clay in the base). Dilute TerraDry sufficiently to achieve OMC and compact after mixing in. For extremely poor bases the TD application rate may be increased and may be mixed in much deeper. [This application is not meant as a hardened driving surface but rather as stabilization upon which a driving surface or wear surface of any type (DirtGlue polymer, asphalt, concrete, etc) may be applied.]

DirtGlue polymer mix-in applications - using surface area in sq ft (depths as specified):

If there is 15% clay content or higher in the soil/aggregate to be treated: then the procedure would be apply 0.8 pound PolyCure to the untreated soil and mix it in to a depth sufficient to achieve two inches after compaction. While the soil is still loose and fluffy apply DirtGlue polymer diluted with water to achieve OMC in the soil/aggregate. Apply as heavy as possible SHORT OF RUN-OFF (0.07 gallons of DGp/sq ft). TerraDry would be added at the same time that the DGp was applied and mixed into the soil/aggregate at a rate of 0.01 gallon/sq ft. Increase the TerraDry at a linear rate up to 0.025 gallon/sq ft. as the percentage of clay increases up to 100% clay. Fat clays and lean clays will react differently and require some on site adjustments. Mechanically mix the liquid into the soil to a depth sufficient to achieve two inches after compaction. Apply remaining liquid and mechanically mix as before. Once thoroughly and uniformly mixed, grade and compact. If dirt/aggregate sticks to the roller/compactor, this is an indication that the soil/aggregate is above OMC (allow time for some evaporation then try compacting again).



If there is little clay content in the soil/aggregate to be treated and a stable, well drained base:

then the procedure would be apply 1.0 pound PolyCure to the untreated soil and mix it in to a depth sufficient to achieve two inches after compaction. While the soil is still loose and fluffy apply DirtGlue polymer diluted with water to achieve OMC in the soil/aggregate. Apply as heavy as possible SHORT OF RUN-OFF (0.07 gallons of DGp/sq ft). Add TerraDry with the DirtGlue polymer 0.007 gallon/sq ft. Mechanically mix the liquid into the soil to a depth sufficient to achieve two inches after compaction. Apply remaining liquid and mechanically mix as before. Once thoroughly and uniformly mixed, grade and compact. If dirt/aggregate sticks to the roller/compactor, this is an indication that the soil/aggregate is above OMC (allow time for some evaporation then try compacting again).

If there is no clay content in the soil/aggregate to be treated and a stable, well drained base:

then the procedure would be apply 1.0 -1.2 pounds PolyCure to the untreated soil and mix it in to a depth sufficient to achieve two inches after compaction. While the soil is still loose and fluffy apply DirtGlue polymer diluted with water to achieve OMC in the soil/aggregate. Apply as heavy as possible SHORT OF RUN-OFF (0.07 gallons of DGp/sq ft). Add TerraDry with the DirtGlue polymer 0.004 gallon/sq ft. Mechanically mix the liquid into the soil to a depth sufficient to achieve two inches after compaction. Apply remaining polymer and mechanically mix as before. Once thoroughly and uniformly mixed grade and compact. If dirt/aggregate sticks to the roller/compactor, this is an indication that the soil/aggregate is above OMC (allow time for some evaporation then try compacting again).