



TerraDry Application Information

TerraDry has proven to be ideal for lower quality insitu soils that make up roadways or roadbases that have less than ideal load bearing or stabilization or that become muddy during wet seasons.

TerraDry may be incorporated into the soil to any depth but typically not less than 4” inches (the deeper the more stability). It works especially well with high plasticity soils such as those containing clay, silt, etc that are prone to mud problems or lack of stability. The result of incorporating TerraDry into soils that tend to absorb water is a completely hydrophobic state, even down to nanoscale soil particle sizes little or no water absorbance will occur.

TerraDry is mixed into the soil at a rate of 2.7 gallons per cu yd (2.85 gallon per M3) of soil to be treated. Depending upon soil type and particle size distribution the application may be able to be reduced by one third but for planning purposes best to use these numbers as a baseline.

TerraDry is incorporated into the soil using full depth reclamation equipment such as Bomag or the equivalent. At the baseline application rate application scenarios look like this:

At 4” (10.2cm) mix-in depth, one gallon of TerraDry will treat 30 sq ft (2.8 M2)

At 6” (15.2cm) mix-in depth, one gallon of TerraDry will treat 20 sq ft (1.9 M2)

At 10” (25.5cm) mix-in depth, one gallon of TerraDry will treat 12 sq ft (1.1 M2)

At 12” (30.5cm) mix-in depth, one gallon of TerraDry will treat 10 sq ft (0.93 M2)

The equipment required for completing a TerraDry application and having a completed dirt road or a road base ready for ready for pavement is:

- 1. Full depth reclamation machine**
- 2. Nurse tank (for TerraDry/water)**
- 3. Grader,**
- 4. Compactor**

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