



**DirtGlue**

## **White Paper**

**TerraDry™ Waterproofing Agent®**

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## Product Description

*TerraDry waterproofing agent has proven to be ideal for lower quality in situ 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 and the greater bearing capacity). It works especially well with high plasticity soils such as those containing clay, silt, topsoil, 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 does not absorb moisture. TerraDry is not a bonding agent. TerraDry does not glue or bond soil particles together. TerraDry is a liquid that is mixed into high plasticity or expansive soils (those with clay content). The soil must then dry out completely (the TerraDry dries out at the same time). Once everything is completely dry the soil will not reabsorb water - not now, not next year, not ever. The clay has been hydrophobized permanently.*

*This is not how lime, or fly ash or other such dry products act. These dry products suck the moisture out of the clay allowing the road to be built but the clay may reabsorb water at any time in the future and become "plastic" again (over and over).*

*TerraDry does not in and of itself increase CBR value. TerraDry once fully dry along with the clay will produce the same (or slightly higher) strength and load bearing that dry clay permits. The advantage is that this load bearing is maintained in perpetuity.*

*TerraDry is multi-functional. It is used as a base stabilizer, a subgrade waterproofing agent and a polymer pavement additive to increase both bond and water resistance in the surface layer.*

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## TerraDry™ Waterproofing Agent®

by DirtGlue Enterprises

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