



**DURAFLEX**  
USA

## ADDITIVE FOR CEMENT SOIL STABILIZATION

What is Duraflex? An admixture for cement that improves soil stabilization and concrete modification. Duraflex is a powder comprising of 100% natural minerals, packaged in 900kg (1,984lb) jumbo bags.

For soil stabilization, Duraflex is mixed with cement (2% Duraflex by weight of cement) and applied by mechanical spreader on the area to be stabilized. Typical FDR equipment and construction methods apply.



**STANDARD  
USAGE**

**8%–10%**  
Cement by  
weight of  
soil

**2%**  
Duraflex by  
weight of  
cement

## BENEFITS

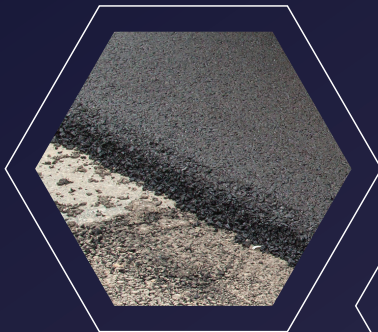
- ✓ Single Pass Construction
- ✓ Eliminates Imported Aggregates
- ✓ Eliminates the Removal & Replacement of existing in-situ embankment material
- ✓ 50% Increased Roadbase Life Expectancy
- ✓ Increased Compressive and Tensile strength of the soil matrix
- ✓ Eliminate Reflective Cracking in Pavement
- ✓ Decrease Thickness of Pavement
- ✓ Freeze-Thaw Resistant
- ✓ Reduced Construction Costs



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Duraflex works with diverse soil types, including those with a high plasticity index (PI). By effectively closing off the capillary action in the stabilized soil, Duraflex creates an impermeable base from the in-situ soils that is waterproof and resistant to acids and salts. Road bases built with Duraflex are best in class.



Roadway Sub-Bases

Industrial Floors



Land Fills & Reclamations

Slopes



Duraflex soil stabilization not only streamlines costs and schedules but also champions sustainability. By minimizing resource-heavy activities like mining and transporting aggregates, Duraflex significantly curbs the construction and maintenance carbon footprint.

With Duraflex, every step towards a stronger foundation is a stride towards a greener future.



 [duraflex-usa.com](http://duraflex-usa.com)

## EXCEL

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