StabiLyte
For stabilizing granular or plastic soils

Stabilizes wide range of soil types • Provides cementitious binding properties

Boral StabiLyte, a coal combustion product (CCP), has cementitious binding properties that make it effective in soil stabilizing applications. It is versatile enough to be used in a broad range of soil types. This stabilizing additive is a valuable component at any road building or construction site.

Major Benefits
• Improves strength
• Extends pavement life cycle
• Improves stability

Achieving optimum levels of soil performance requires careful analysis of soil properties. Using this process, soils can be modified to enhance strength and stability and to reduce the volume changes associated with plasticity.

www.flyash.com
**Applications**

StabiLyte can be used to stabilize a wide range of soil types. Soil types range from non-plastic granular sands and silts to fine clays that are extremely plastic. The greater the plasticity of a soil, the greater the expansion and contraction it will undergo as ground moisture changes. StabiLyte dramatically reduces the shrink/swell potential of soils. For sandy soils, StabiLyte acts as an effective cementitious agent binding the sandy particles together.

StabiLyte is a reclaimed resource that should be handled, stored, and placed using sound construction procedures and techniques.

**Recommended Dosage Rates**

The dosage rate for Boral StabiLyte ranges from 5 to 20%. The general practice in soil stabilization is to thoroughly blend the binding agent with the soil. This is accomplished by the use of a pulver mixer, tiller, or disc implement, or by repeat blading. The entire area should be watered (to optimum moisture), roller compacted, shaped with a maintainer blade, and allowed time to cure and gain strength. To determine project tonnage and corresponding dosage rate, please contact your Boral Power Materials representative.

**Quality**

Samples are tested at Boral’s accredited testing laboratory and at independent testing laboratories to ensure quality and consistency.

**Boral Material Resources**

The Boral Power Materials Group works closely with the Boral Technology Development Group to identify potential markets and applications for CCPs produced by coal-fueled power generating plants. The Power Materials Group currently markets CCPs as cost-effective alternatives to traditional materials in a wide range of applications.

For more information about our full line of products, contact your Boral Power Materials representative.