



SOIL STABILISATION KEEP YOUR PROJECT RUNNING

Increase stability and
load bearing capacity

When soggy or subgrade soils threaten to upset your construction timetable, Graymont's Quicklime and Hydrated Lime offer effective solutions. Moreover, our lime is readily available and straightforward to apply.

Quicklime rapidly dries out wet soils on site and improves surface working conditions. In the rainy season, that's a real boon, especially if you're working on clay soils which can respond quite dramatically to lime treatment. For modifying and stabilising below par subgrade soils, mixing in the correct amount of lime can increase not only the stability and impermeability of the subgrade but also its load-bearing capacity. The right combination of testing, mixing, compaction, and curing will lead to long-term benefits and reduced maintenance costs.

**Call 0800 245 463 now for
advice on how to solve your
soil stabilisation issues.**

Benefits of lime stabilisation

1

Time savings and production efficiency

Saturated work sites can be treated and dried, often within a day, enabling construction projects to keep going during wet seasons.

2

Strength gains

When lime is added to a reactive soil, the shear strength can increase significantly and, with the right balance of lime and pH (above 10), the strength gains are long-lasting, even under difficult environmental conditions.

3

Recycling of existing pavements

Since applying lime to subgrades can improve their engineering properties, treating existing material becomes more cost effective than replacing it during road reconstruction.

4

Reduced aggregate thickness

The greater strength of a lime-treated subgrade reduces the thickness of aggregate required and contributes to lower life cycle maintenance costs for pavement projects.

Graymont's Burnt Lime consists of calcium oxide combined with small amounts of calcium carbonate and silica.

QUICKLIME

0800 245 463
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