



benefits of stabilisation

- Stabilisation improves the qualities of existing materials thereby reducing the need to import.
- High production rates of stabilisation improve construction expediency.
- With addition of stabilising agents we are able to increase the strength and performance of existing materials. Mixing with a purpose built stabilising plant will achieve a more homogenous mix.
- Lime stabilisation reduces the shrinkage rate of high plastic clays to less than 10% and raises the bearing capacity.
- With the introduction of lime a wet untrafficable worksite can be transformed back to a dry working platform within 24 hours.
- Lime stabilisation is highly suited to channel embankments, dam linings and levee banks to reduce permeability, PI, linear shrinkage and increase strength. Therefore reducing the risk of failures, seepage and improves water quality.
- The addition of moisture into the pavement using our specialised equipment, called "wet mixing", not only gives a more uniform efficient and constant mix compared to more conventional methods but with the direct injection of water into the mixing chamber of a stabilising machine the amount of evaporation is minimised reducing the amount of water needed by up to 50%.

Stabilco

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what is stabilisation by Stabilco?

- In-situ stabilisation is the spreading of various binders, homogenous mixing, moisture conditioning and compaction of any subgrade or pavement material. This significantly improves density, moisture content, strength (CBR%), plasticity index, permeability, shrink swell and the dispersive nature of clay.



Stabilco

Pty Ltd

stabilisation SPECIALISTS



ENVIRONMENTALLY
SUSTAINABLE THROUGH
RECYCLING PAVEMENT
CLAY CONDITIONING
DAM & LEVY BANKS
ROAD AND SHOULDER
STABILISATION
BUILDING WORK
PLATFORMS

- GUARANTEED COST EFFICIENCY
- INCREASES SUB-GRADE STRENGTH & CONSISTENCY
- REDUCE PERMEABILITY, LINEAR SHRINKAGE & PI
- CONVERT SATURATED SITES INTO WORKING PLATFORMS WITHIN 24 HOURS
- EMBANKMENT, CHANNEL & DAM LINING
- RUNWAYS, HIGHWAYS, CARPARKS, UPGRADING OF UNSEALED ROADS, SHOULDERS & MINING HAUL ROADS
- EXTENSIVE EQUIPMENT FLEET

Stabilco Pty Ltd provides soil and pavement stabilisation, saving time and money and improving the strength, durability and consistency of the sub grade and pavement. Reconstituting existing pavements reduces the environmental impact of road construction thus reducing your carbon footprint.