

Technical Data Sheet TDS 001 — General Guidelines

GENERAL GUIDELINES

Description

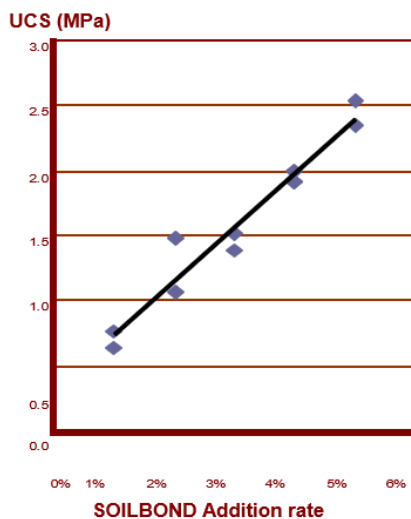
SOILBOND A01 stabiliser / binder is a naturally derived water-based organic emulsion which is:

- Cost-effective
- Environmentally-friendly
- Safe to handle

SOILBOND A01 stabiliser / binder provides to pavement and soil materials:

- Improved cohesion
- Increased wet strength
- Reduced water sensitivity

Wet Strength Improvement



Applications

SOILBOND A01 stabiliser / binder is applicable to the following markets:

- Unsealed roads stabilisation for materials used in wearing courses and road shoulders.
- Dust control required for unsealed roads, temporary roads, carparks, transport depots and construction sites.
- Sealed road stabilisation for pavement construction & rehabilitation, including stabilisation of subgrade, subbase and base materials.
- Landscape paving, for stabilisation of granitic sand or decomposed granite Paths, Tracks and wearing courses.

Features & Benefits

Unsealed Roads

SOILBOND A01 stabiliser / binder can be used to lower life cycle maintenance costs for stabilisation applications by:

- Reducing loss of wearing course material by improved cohesion.
- Reducing defect rates of loose materials, rutting, corrugations, and dust through improved cohesion.
- Reducing defect rates for potholing through improvements to water sensitivity of the material.
- Decreasing the frequency of maintenance activities.

Technical Data Sheet TDS 001 — General Guidelines

General Guidelines

Dust Control

SOILBOND is an effective dust control agent by binding and controlling the 'fine' particles present in a pavement. The loss of these 'fines' are the predominant cause of dust problems.

Paths, Tracks & Roads

SOILBOND A01 stabiliser / binder can improve lower quality or locally sourced marginal materials in order to enable their use in pavement construction.

These modifications can be to either:

- Correct a material deficiency (e.g. to increase cohesion), without causing a significant increase in structural stiffness
- Increase the strength; and/or
- Reduce the moisture susceptibility

Landscape Paving

SOILBOND A01 stabiliser / binder reduces the costly and regular maintenance requirements of granitic sand pavements through a combination of:

- Binding the pavement reducing the effects of mechanical erosion defects; and
- Reducing the water sensitivity of the material which decreases the effects of water erosion

Application Information

Refer to the following **Technical Data Sheets** for application information on:

TDS 002: Unsealed Road Guidelines

TDS 003: Dust Control Guidelines

TDS 004: Sealed Road Guidelines

TDS 005: Landscape Paving Guidelines

TDS 006: Industrial Hygiene Guidelines

Packaging

20 litre Cube

200 litre Drum

1,000 litre IBC

10,000 — 25,000 litre Road Tanker

Typical Properties

Composition: water-based organic emulsion

Appearance: beige to dark brown liquid

Odour: bland

pH: Approx. 1.5 @ 25 deg. C

Specific Gravity Approx. 1.0 @ 25 deg. C (water = 1)

Brookfield Viscosity @ 25°C: 150cps

Product Safety

SOILBOND stabiliser / binder is classified non Hazardous and non Dangerous Goods. This means it is safe for handling, storage and transportation. As, with all products, please refer to the Material Safety Data Sheet before use.